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**One Hundred And Twenty-Sixth
ANNUAL REPORT**

of the

**South Carolina State
Hospital**

FOR THE YEAR ENDING JUNE 30, 1949



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Printed Under the Direction of the
Joint Committee on Printing
General Assembly of South Carolina

One Hundred And Twenty-Sixth ANNUAL REPORT

of the

South Carolina State Hospital

FOR THE YEAR ENDING JUNE 30, 1949



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Joint Committee on Printing
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SOUTH CAROLINA STATE HOSPITAL

BOARD OF REGENTS

J. CALVIN RIVERS, Chairman	Chesterfield
GEORGE A. BUCHANAN, JR.	Columbia
OLIN B. CHAMBERLAIN, M. D.	Charleston
R. L. PLAXICO	Clinton
MRS. WM. R. WALLACE	Chester

MEDICAL STAFF

Full Time

W. P. BECKMAN, M. D.
Acting Superintendent and Clinical Director

H. A. McELROY, M. D.
SOL B. McLENDON, M. D.
Senior Assistant Physicians, State Park

NEWTON F. GARLAND, M. D.
Assistant Physician, State Park

JAMES C. BRABHAM, M. D.
EDW. M. BURN, M. D.
GLENN B. CARRIGAN, M. D.
JOE E. FREED, M. D.
WM. S. HALL, M. D.
E. W. LONG, M. D.
W. G. MOREHOUSE, M. D.
GORDON R. WESTROPE, M. D.
Senior Assistant Physicians

MEDICAL STAFF

Part Time

GEORGE BENET, M. D.
Surgeon

JOHN E. HOLLER, M. D.
Tuberculosis

GEORGE R. LAUB, M. D.
Eye, Ear, Nose and Throat

CHAS. J. LEMMON, M. D.
Neurosurgeon

AUSTIN T. MOORE, M. D.
Orthopedic Surgeon

THOS. A. PITTS, M. D.
Roentgenologist

J. W. VARNER, M. D.
Urologist

ROBERT B. BURROWS, Ph.D.
Parasitologist

ROLAND S. PIKE, D.D.S.
Dentist

D. J. RUFF
Pharmacist

H. C. ALLISON
Technician Laboratory, X-ray and Clinical

MISS ETHEL SHARPE
Psychiatric Social Worker

MISS BEULAH L. GARDNER, R. N.
Director of Nursing

REV. J. OBERT KEMPSON
Chaplain

LAUREN W. SHELLEY
Business Manager

THOS. F. STEVENSON, SR.
Treasurer

JOHN W. WHITEHOUSE
Personnel Officer

CONSULTANTS

CARDIOLOGY

JAMES T. QUATTLEBAUM, M.D.

DERMATOLOGY

J. R. ALLISON, M.D.

L. S. BRYAN, M.D.

DISEASES OF CHEST

JAS. W. FOUCHE, M.D.

J. GORDON SEASTRUNK, M.D.

EYE, EAR, NOSE AND THROAT

DAVID S. ASBILL, M.D.

W. J. BRISTOW, M.D.

CHAPMAN J. MILLING, M.D.

J. B. WORKMAN, M.D.

GYNECOLOGY

ROBERT E. SEIBELS, M.D.

INTERNAL MEDICINE

J. HEYWARD GIBBES, M.D.

L. EMMETT MADDEN, M.D.

O. B. MAYER, M.D.

BEN N. MILLER, M.D.

F. EUGENE ZEMP, M.D.

ORTHOPEDIC SURGERY

W. A. BOYD, M.D.

WESTON COOK, M.D.

JAMES T. GREEN, M.D.

PATHOLOGY

K. M. LYNCH, M.D.

H. H. PLOWDEN, M.D.

PEDIATRICS

THOS. D. DOTTERER, M.D.

R. B. JOSEY, M.D.

WM. WESTON, JR., M.D.

ROENTGENOLOGY

MALCOLM MOSTELLER, M.D.

SURGERY

L. J. BRANNON, M.D.

GEORGE H. BUNCH, M.D.

A. F. BURNSIDE, M.D.

W. M. CORBETT, M.D.

ROGER G. DOUGHTY, M.D.

GEORGE T. McCUTCHEN, M.D.

UROLOGY

W. T. BARRON, M.D.

JAMES E. BOONE, M.D.

HUGH E. WYMAN, M.D.

REPORT OF THE REGENTS

Columbia, S. C., July 1, 1949.

To His Excellency, J. Strom Thurmond, Governor of South Carolina:

Complying with the Statutes, the Board of Regents of the South Carolina State Hospital respectfully submits to you for transmission to the General Assembly the one hundred and twenty-sixth annual report for the fiscal year 1948-1949.

With this report will be found that of the superintendent giving in detail the activities of all departments.

PROBLEMS OF ADMINISTRATION

A personnel shortage exists in all departments of the hospital. This shortage as related to professional and attendant personnel is critical and is reflected in the sub-standard care and treatment which some patients unavoidably receive.

The number of psychiatrists is inadequate to meet demands, and as a result many patients are deprived of treatment which would likely be helpful if given. Nurses are insufficient in number to provide the indicated service throughout the Hospital. The ratio of nurses to patients is far below the standard recommended by the American Psychiatric Association. The required attendant service cannot be rendered by the present personnel. The available number will not even allow one attendant at night on each locked ward of buildings not fire resistant. Patients are, therefore, subjected to direful results in the event of fire on such wards.

The shortage of personnel could undoubtedly be relieved to a marked degree with sufficient funds for a reduction in the work week of 44 or 48 hours and salaries which professional personnel receive in other geographical areas.

BUSINESS MANAGER

The Business Manager, in the first year of his service, undertook the arduous task of reorganizing non-professional units of the Hospital, modernizing methods, and installing new procedures. New inventory systems for equipment and supplies were

installed and a purchasing procedure established. A personnel office was created with resulting initiation of uniform personnel policies, development of record systems and employment practices, and institution of modern payroll procedures. Three separate farm units were consolidated into one division, thus reducing overhead costs and allowing more efficient use of personnel and equipment. A complete survey of the physical plant was accomplished by an engineering-architectural firm for the purpose of determining needed repairs with estimated costs, building values, needed replacements, and new facilities needed. Close supervision of construction already authorized was undertaken and plans developed for a building and repair program.

SURPLUS COMMODITIES

Close relations were established and maintained with local authorities distributing surplus foods for the Production and Marketing Administration. With these foods the patient diet was maintained at a somewhat higher level than would have otherwise been possible. The following foods in quantities indicated were received:

- 520,500 pounds Irish potatoes
- 38,139 pounds dried eggs
- 25,000 pounds cabbage
- 2,700 pounds dried figs
- 170 cases apple sauce
- 150 cases orange juice, concentrated

CONSTRUCTION

The permanent improvement program made possible by an allocation of \$1,000,000 from the State's surplus and Federal funds available under the Hill-Burton Act, progressed satisfactorily. At the State Park unit the sewage disposal plant was modernized and doubled in capacity. The hospital grounds were enclosed with a steel wire fence for added protection to patients and property. A modern steam heating system was provided for Building Number 1, the largest and oldest at this location, while new steam boilers were installed in Buildings 4 and 5. At the Columbia unit a portion of Center Building ground floor was

altered and renovated for administrative offices. In addition, a canteen building was constructed for added service to patients. A modern ice manufacturing plant was also completed and placed in operation at this location.

Plans were developed and contracts let for construction of an administration building and a receiving and treatment ward building at the State Park unit. A contract was also negotiated for construction of a warehouse and refrigeration plant at the Columbia unit.

NEEDED PERMANENT IMPROVEMENTS

The following construction is seriously needed:

- Enlargement and renovation of kitchen at Columbia.
- Ward building replacement for disturbed mentally ill at Columbia, 300 beds.
- Ward building at Columbia for male patients, 250 beds.
- Ward building at Columbia for female patients, 250 beds.
- Medical and surgical building at Columbia, 250 beds.
- Maintenance shops building at Columbia.
- Cottages for physicians at Columbia, 4.
- Quarters for male attendants at Columbia and State Park.
- Chapel and recreation buildings at Columbia.
- Chapel and recreation buildings at State Park.
- Medical and surgical building at State Park, 250 beds.

APPRECIATION

Sincere appreciation is expressed to Your Excellency, to the Budget Commission, the State Auditor, and to the General Assembly for assistance, cooperation and sympathetic understanding with the many difficulties during the past year.

There is also deep appreciation to all State, county and municipal officers for the continued splendid cooperation.

The loyalty of the entire personnel of the hospital is commendable, and to each one grateful thanks are extended.

Gratitude is expressed to the Production and Marketing Administration for the generous food supplies for patients; and also

to the business concerns and individuals who were of valuable help and responsive to the needs of the hospital.

Respectfully submitted

J. CALVIN RIVERS, Chairman
 GEORGE A. BUCHANAN, JR.
 OLIN B. CHAMBERLAIN, M.D.
 R. L. PLAXICO
 MRS. Wm. R. WALLACE

Board of Regents

South Carolina State Hospital.

REPORT OF THE SUPERINTENDENT

Columbia, S. C., July 1, 1949

To the Board of Regents of the South Carolina State Hospital
Columbia, S. C.

Gentlemen:

Complying with your requirements the annual report for the fiscal year ending June 30, 1949 is herewith respectfully submitted.

GENERAL STATISTICS

July 1, 1948 through June 30, 1949

	White Men	White Women	Negro Men	Negro Women	Total
Patients on books of hospital at beginning of hospital year..	1,633	1,865	1,325	1,270	6,093
Admissions during twelve months:					
First admissions.....	560	384	296	262	1,502
Re-admissions	170	139	37	45	391
Total admitted during twelve months.....	730	523	333	307	1,893
Total on books during twelve months.....	2,363	2,388	1,658	1,577	7,986
Discharged from books during twelve months:					
As improved.....	311	364	105	101	881
As unimproved.....	40	19	9	10	78
As without psychoses.....	197	39	32	17	285
Total discharged.....	548	422	146	128	1,244
Died during twelve months.....	103	84	132	115	434
Total discharged and died during twelve months.....	651	506	278	243	1,678
Patients remaining on books of hospital at end of hospital year:					
In hospital.....	1,296	1,435	1,225	1,129	5,095
On trial visit or otherwise absent.....	416	447	155	195	1,213
TOTAL ON BOOKS.....	1,712	1,882	1,380	1,334	6,308

ADMISSIONS

During the year 1,893 patients were admitted; 1,502 first admissions and 391 re-admissions.

Of the total, 730 were white men; 523 white women; 333 Negro men and 307 Negro women.

Because of the serious overcrowding of the hospital admission was necessarily denied to 184 persons for whom application was made through the Probate Courts.

VOLUNTARY ADMISSIONS

Although it is generally felt that voluntary admission is desirable from a practical point of view, it is not always proven true. Experience teaches us that the alcoholics, as well as other social and economic problems, frequently seek to take advantage of this method of admission. Another disturbing factor is that so often the patient coming in voluntarily becomes dissatisfied in a few days and serves notice to leave the hospital before he or she has been here long enough to receive any help.

During the year 101 patients were accepted on the voluntary basis.

COURT CASES

During the year 75 persons were committed to the hospital by the Courts of General Sessions and by the Juvenile Domestic Relations Courts for psychiatric examination.

PSYCHOSES	White Men	White Women	Negro Men	Negro Women	Total
Alcoholism, acute hallucinosis.....	1	..	..	..	1
Cerebral arterio sclerosis.....	3	..	3	2	8
Convulsive disorders.....	2	..	1	..	3
Disturbances of circulation.....	1	..	..	..	1
Epidemic encephalitis.....	1	..	..	..	1
Manic depressive, manic phase.....	..	..	2	..	2
Mental deficiency.....	2	..	..	..	2
Paranoia and paranoid condition.....	1	..	..	..	1
Schizophrenia (dementia praecox).....	1	..	..	2	3
Syphilitic meningo encephalitis.....	..	..	3	..	3
Total with psychoses.....	12	..	9	4	25
Without psychoses:					
Alcoholism	1	..	1	..	2
Bromism, alcoholism.....	1	..	..	..	1
Mental deficiency.....	5	..	4	..	9
Primary behavior disorders in children, conduct disturbances.....	..	..	..	1	1
Psychopathic personality.....	13	..	..	..	13
Psychomotor epilepsy.....	1	..	..	..	1
Psychoneurosis, reactive depression.....	1	..	..	..	1
Without mental disorder.....	14	..	7	1	22
Total without psychoses.....	36	..	13	1	50
GRAND TOTAL.....	48	..	22	5	75

COMMITTED BY ORDER OF GOVERNOR

PSYCHOSES	White Men	White Women	Negro Men	Negro Women	Total
Convulsive disorders.....	1	..	..	..	1
Manic depressive, manic.....	..	..	1	..	1
Mental deficiency.....	1	..	..	..	1
Schizophrenia (dementia praecox).....	2	..	..	..	2
Total with psychoses.....	4	..	1	..	5
Without psychoses:					
Mental deficiency.....	..	..	2	..	2
Without mental disorder.....	1	..	4	..	5
Total without psychoses.....	1	..	6	..	7
GRAND TOTAL.....	5	..	7	..	12

SPECIAL EXAMINATIONS AT THE SOUTH CAROLINA STATE PENITENTIARY

PSYCHOSES	White Men	White Women	Negro Men	Negro Women	Total
Cerebral arterio sclerosis.....	1	..	..	..	1
Manic depressive, manic.....	..	..	1	..	1
Schizophrenia (dementia praecox).....	1	..	1	..	2
Total with psychoses.....	2	..	2	..	4
Without psychoses:					
Mental deficiency.....	..	..	1	..	1
Psychopathic personality.....	1	..	..	..	1
Without mental disorder.....	5	1	4	1	11
Total without psychoses.....	6	1	5	1	13
GRAND TOTAL.....	8	1	7	1	17

DEATHS

There were 434 deaths; 103 white men or 4.3% ; 84 white women or 3.5% ; 132 Negro men or 7.9% ; 115 Negro women or 7.3%.

Based upon the entire number of patients under treatment, the death rate was 5.4%.

DISCHARGES

Discharged from the books were 1,244 patients. Of these 881 were considered as improved; 78 as unimproved and 285 as without psychoses.

Of the 285 without psychoses, 118 were alcoholics; 14 drug addicts; 16 mental defectives; and 137 in other groups without mental disorder.

Included in the last group are those transferred from the various State institutions for psychiatric examination and the Court cases found to be without mental disorder.

DEATHS AMONG THE PERSONNEL

With deep regret the deaths of the following members of the hospital personnel are reported:

Mr. C. C. Wilson, painter here since July 8, 1943, died July 19, 1948.

Mr. E. P. Ashley, attendant, white men's department, passed away October 6, 1948. He entered the service December 2, 1919.

Eleanor Lorick, attendant, Negro women's department since September 11, 1929, died November 12, 1948.

RETIREMENT

Complying with the provisions of the South Carolina Retirement Act passed by the 1945 General Assembly and amended by the 1946 General Assembly, the following were retired:

	<i>Date of Employment</i>	<i>Retired</i>
Mr. E. C. Brown	March 6, 1925	February 1, 1949
Mr. Ben A. Gardner	June 14, 1915	March 1, 1949
Mr. J. T. Rikard	May 1, 1926	October 15, 1949
Mr. L. H. Koon	January 27, 1930	June 15, 1949
Mr. E. L. Crooks	September 1, 1943	June 30, 1949
Mrs. Annie Lane	Nov. 20, 1910	June 30, 1949
Mr. J. C. Layton	April 19, 1943	June 30, 1949
Mr. J. S. Leech	March 3, 1926	June 30, 1949
Miss Sallie Oliver	January 29, 1924	June 30, 1949
Mr. D. R. Poole	June 10, 1922	June 30, 1949
Mr. J. Q. Swygert	December 1, 1937	June 30, 1949

Personnel, not members of the retirement system, whose services were terminated because of disability or age were:

	<i>Date of Employment</i>	<i>Retired</i>
Miss Maggie Wolfe	August 1, 1943	June 30, 1949
Kate Sanders	July 12, 1912	June 30, 1949
Walter Williams	September 19, 1933	June 30, 1949
Ed Benson	January 10, 1938	June 30, 1949

MEDICAL DEPARTMENT

The cooperation and loyalty of the medical personnel under adverse circumstances are appreciated. Although handicapped by an inadequate number of physicians, every effort was made by the medical staff to maintain the high standards attained by the hospital.

Four scheduled meetings of the medical staff were held each week for diagnostic and therapeutic consideration of all new cases and to consider the release or discharge of those improved or recovered. An additional staff meeting each week was devoted to the consideration of Court cases.

The nursing corps was reduced to the extent that it was impossible to have a graduate nurse in many essential places.

The School of Nursing continued to function. There is the prospect of completing plans for psychiatric nurse affiliation at an early date.

On August 21, 1948 Dr. Edward M. Burn reported as an assistant physician. He was at the South Carolina State Hospital as a junior intern during the summer of 1936, and graduated from the Medical College, State of S. C., Charleston, in 1938. He has had extensive training and experience in psychiatry in hospitals, private practice and in the Army, as well as while a professor of clinical psychiatry in colleges and universities. Dr. Burn is a diplomate of the National Board of Medical Examiners and is certified in psychiatry and neurology by the American Board of Psychiatry and Neurology, Inc.

Dr. Wm. G. Morehouse returned to the hospital to resume his duties as a senior assistant physician on May 16, 1949. He had been away since April 22, 1947 taking special training in the United States Veterans' Administration Hospital, Memphis, Tenn. Dr. Morehouse was on the staff here from August 14, 1941 until he entered the Armed Forces August 28, 1942; and from March 15, 1946 until he left for Tennessee.

Dr. John E. Holler of Columbia accepted on March 16, 1949 the position of tuberculosis specialist on a part-time basis. A native of Ridge Spring, S. C., he graduated at the Medical College, State of South Carolina, Charleston, in 1938. He had two years special training at the Youngstown General Hospital, Youngstown, Ohio; was on the staff of the South Carolina Sani-

torium for one and one half years and for three years was resident surgeon at the Columbia Hospital. At present Dr. Holler is physician-in-charge of the Ridgewood Sanatorium, Columbia, and is also engaged in private practice.

Dr. Coyt Ham, superintendent of the hospital since May 1, 1945, resigned, effective January 1, 1949.

On January 1, 1949 Dr. W. P. Beckman was appointed acting superintendent. He had on October 1, 1948 succeeded Dr. Glenn B. Carrigan as the clinical director.

Dr. Carrigan and Dr. Gordon R. Westrope left on October 5, 1948 for Columbia University, New York, for a ten weeks' post graduate course in psychiatry and neurology.

Beginning June 16, 1949 the following students from the Medical College, State of South Carolina, reported as junior interns for the summer: seniors, Messrs. W. J. Henry, Hugh D. DuBose, H. F. Wm. Mohrmann, Jr., and Parker Jones; and junior, Mr. Robert L. Lumpkin.

From November 8, 1948 to April 18, 1949 when the sixth and last group arrived, the senior students, Medical College, State of South Carolina, spent one week each at the hospital attending clinics, lectures and staff conferences, and securing clinical training in psychiatry.

The Southeastern Society of Neurology and Psychiatry met at the Williams Building on the evening of December 7, 1948 for the ninth clinical session. Dr. Sol B. McLendon, staff member, presented a paper, "Depressive States Occurring in the Negro", which was discussed by another staff member, Dr. Edward M. Burn, and by Dr. James S. New, neuropsychiatrist of Augusta, Georgia.

At the May 1949 meeting of this society, Dr. W. P. Beckman was elected president, with Dr. Joe E. Freed as one of the vice presidents, and Dr. Wm. S. Hall as secretary-treasurer.

Efforts were exerted in every possible way to better inform the general public and special groups as to preventive measures and therapy in mental illness, as well as to the needs of the hospital and opportunities for rendering service for the mentally ill.

The Junior Chamber of Commerce groups throughout the State manifested great interest in the mental health program, and their interest and activities will be of valuable aid in

acquainting the people of the State with the facts they secured by personal visits to the hospital.

Lectures, clinics and visits through various sections of the hospital were arranged for students from the University of South Carolina, Furman University, Clemson, Newberry and Erskine Colleges.

Visits and clinics were arranged for those attending the Conference of Social Work, and for provisional members of the Columbia Junior League.

Groups from many schools over the State were conducted through the Columbia division and the State Park division of the hospital.

A selected group of one ordained minister and five theological students on June 6, 1949 began a twelve weeks' course here in clinical pastoral training and practical ward experience under the supervision of the chaplain, Rev. J. Obert Kempson, and under the auspices of the South Carolina State Hospital and the Council for Clinical Training, Inc., New York.

Those in the group were: Rev. Oren N. Renneau, The Christian Church, Albany, Kentucky; Messrs. Edwin B. Clippard, Columbia, S. C.; George E. Stokes, Jr., Norfolk, Va.; George C. Thompson, Philadelphia, Penn., all from the Virginia Theological Seminary, Alexandria, Va.; H. Ward Jackson, Johnson City, New York, from the Episcopal Theological Seminary, Cambridge, Mass., and David L. Voorhees, Buhl, Idaho, from the Concordia Theological Seminary, St. Louis, Missouri.

Visitors during February 1949 were Hon. Stanton A. Hall of Hattiesburg, and Hon. H. H. Hardee of Clara, Mississippi, members of the Mississippi General Legislative Investigating Committee, who were visiting various private and State hospitals for the purpose of securing ideas for the improvement of their own institutions.

LABORATORIES

Wassermann on blood	2,649
Wassermann on spinal fluid	654
Routine examination of spinal fluid	654

Kline on Blood

Diagnostic	2,649
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Kline on Spinal Fluid

Diagnostic	654
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Blood

Bleeding time	1
Bromide	1,219
Calcium	8
Cholestrol	3
Clotting time	2
Coagulation time	8
Creatinine	1
Erythrocyte	344
Glucose tolerance test	3
Hemoglobin	359
Icterus index	29
Leucocyte	433
Matching and cross-matching	12
Rh determination	51
Sedimentation rate	21
Sugar	1,170
Sulfadiazine concentration	1
Typing	83
Urea nitrogen	233
Van den Bergh	1

Cultures

Ascitic fluid	1
Spinal	1
Throat	1
Urine	1

Analysis

Gastric	4
Urinalysis	2,521

Smears

Abdominal abscess	1
Eye	1
Gum	1

Lead poisoning	1
Malaria	2
Urethral	5
Vaginal	6
Vincent's angina	1

Miscellaneous

Abdominal fluid count	1
Bromosulphalein liver function test	1
Colloidal gold	143
Darkfield examination	1
Feces	1
Feces for occult blood	4
Guinea pig inoculation	1
Microscopic and chemical analysis of stomach contents	1
Spinal fluid cell count	4
Spinal fluid differential	1
Spinal fluid protein	11
Spinal fluid sugar	9
Sputum examination	34

X-ray Laboratory

Electrocardiograms	60
Deep therapy treatments	51
Superficial therapy treatments	51
X-ray exposures	2,354

Basal Metabolism Rate

Basal metabolism rates	13
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Autopsies	20
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PERCENTAGE OF POSITIVE BLOOD WASSERMANN'S

White Men			White Women			Negro Men			Negro Women		
Positive	Negative	Per Cent	Positive	Negative	Per Cent	Positive	Negative	Per Cent	Positive	Negative	Per Cent
19	740	2.5	13	653	1.95	86	389	18.1	64	418	13.27

PERCENTAGE OF POSITIVE SPINAL FLUID WASSERMANN'S

White Men			White Women			Negro Men			Negro Women		
Positive	Negative	Per Cent	Positive	Negative	Per Cent	Positive	Negative	Per Cent	Positive	Negative	Per Cent
13	128	9.25	8	39	17	70	291	19.39	22	72	23.4

UROLOGICAL SERVICE

	Patients			Employees		
	White Men	White Women	Total	White Men	White Women	Total
Cystoscopic examinations.....	3	8	11	3	1	4

ANTI-SYPHILITIC TREATMENTS

DOSES	White Men	White Women	Negro Men	Negro Women	Total
Aldarsone .....	..	158	70	..	228
Bismarsen .....	..	..	..	162	162
Bismuth sodium tartrate.....	312	..	..	703	1,015
Bismuth subsolicylate.....	..	..	37	..	37
Malaria	29	9	63	32	133
Mapharsen	170	40	1,205	481	1,896
Thio bismol.....	..	315	748	..	1,063
Tryparsamide	135	..	..	..	135
TOTAL.....	646	522	2,123	1,378	4,669

SYPHILITIC MENINGO ENCEPHALITIS

	White Men	White Women	Negro Men	Negro Women	Total
Remission	2	1	5	2	10
Improved	15	3	25	11	54
Unimproved	5	2	7	3	17
Died	1	..	11	6	18
TOTAL.....	23	6	48	22	99

RESEARCH IN PARASITOLOGY

At the beginning of this year the department was without technical help. Later, training in parasitology was given to three successive technicians, each of whom left before training was completed. As a result little was accomplished during the year other than routine examinations of new patients, examination of those patients whose main complaint appeared to be of intestinal origin and examination of employees and others suspected of having intestinal parasites.

A comprehensive research program was out of the question, although data relating to research projects were collected throughout the year, when time permitted. A program to check all patient and employee food handlers was begun, but was discontinued due to the difficulties of carrying out routine work and training temporary technicians.

The results of stool examinations on patients during the year are as follows:

	White Men	White Women	Negro Men	Negro Women	Total
Number examined for intestinal parasites.....	595	678	68	252	1,593
Patients with:					
<i>Endamoeba histolytica</i>	22	67	5	27	121
<i>Endamoeba coli</i>	72	191	11	80	354
<i>Iodamoeba williamsi</i>	2	18	..	16	36
<i>Endolimax nana</i>	56	139	10	43	248
<i>Dientamoeba fragilis</i>	12	6	..	..	18
<i>Chilomastix mesnili</i>.....	..	32	2	13	47
<i>Trichomonas hominis</i>	13	47	..	11	71
<i>Trichomonas vaginalis</i>.....	..	..	..	2	2
<i>Giardia lamblia</i>	20	20	2	5	47
<i>Enteromonas hominis</i>.....	..	2	..	6	8
<i>Ascaris lumbricoides</i>.....	..	23	1	10	34
<i>Necator americanus</i>	43	132	6	18	199
<i>Strongyloides stercoralis</i>	6	61	..	13	80
<i>Enterobius vermicularis</i>	2	2	1	..	5
<i>Trichuris trichiura</i>	2	140	..	47	189
<i>Hymenolepis nana</i>	1	..	..	..	1
Patients with:					
No species of parasites.....	416	348	42	117	923
1 species of parasite.....	122	130	17	62	331
2 species of parasites.....	45	64	6	30	145
3 species of parasites.....	9	41	3	22	75
4 species of parasites.....	3	36	..	9	48
5 species of parasites.....	..	25	..	7	32
6 species of parasites.....	..	18	..	3	21
7 species of parasites.....	..	9	..	2	11
8 species of parasites.....	..	4	..	..	4
9 species of parasites.....	..	3	..	..	3

The results of stool and anal swab examinations made on employees and others are:

Number of stool examinations made.....	53
Persons with:	
Endamoeba coli.....	3
Endolimax nana.....	3
Dientamoeba fragilis.....	1
Giardia lamblia.....	4
Ascaris lumbricoides.....	1
Necator americanus.....	6
Trichuris trichiura.....	4
Persons with:	
No species of parasites.....	34
1 species of parasite.....	16
2 species of parasites.....	3
Number of anal swab examinations made.....	6
Positive for Enterobius vermicularis.....	..
Negative	6

The program on the examination of food handlers was discontinued after most of the white women patients who work in kitchens, dining rooms, etc., were examined. The findings in this group of patients clearly show some of the dangers to which other patients are subjected.

Number of white women patient food handlers examined.....	115	
	Number	Percentage
Food handlers with: <i>Endamoeba histolytica</i>	19	16.5
<i>Endamoeba coli</i>	48	41.7
<i>Iodamoeba williamsi</i>	4	3.5
<i>Endolimax nana</i>	32	27.8
<i>Dientamoeba fragilis</i>	2	1.7
<i>Chilomastix mesnili</i>	4	3.5
<i>Trichomonas hominis</i>	1	0.9
<i>Giardia lamblia</i>	4	3.5
<i>Necator americanus</i>	21	18.2
<i>Strongyloides stercoralis</i>	9	7.8
<i>Trichuris trichiura</i>	34	29.6
Food handlers with: No species of parasites.....	33	28.7
One to six species of parasites each.....	82	71.3
Average number of infections per food handler.....	1.55	
Average number of pathogenic infections per food handler.....	.72	
Percentage of total infections possible to be transmitted through handling of food.....	64.1	
Percentage of pathogenic infections possible to be transmitted through handling of food.....	22.9	

ELECTRO-SHOCK THERAPY

	White Men	White Women	Negro Men	Negro Women	Total
Markedly improved.....	16	37	4	42	99
Improved	128	136	36	63	363
Unimproved	23	131	21	66	241
TOTAL.....	167	304	61	171	703

EYE, EAR, NOSE AND THROAT DEPARTMENT

	PATIENTS					EMPLOYEES				
	White Men	White Women	Negro Men	Negro Women	Total	White Men	White Women	Negro Men	Negro Women	Total
EYES—										
Acute dacryocystitis.....	1	..	..	..	1	..	..	..	..	..
Chalazion	1	2	..	..	3	..	..	..	..	..
Corneal ulcer.....	1	6	4	..	11	..	1	..	..	1
External diseases.....	36	23	2	5	66	9	7	3	4	23
Eye ground examinations.....	714	475	326	317	1,832	1	..	2	..	3
Foreign bodies removed.....	1	..	..	..	1	1	1	..	..	2
Glaucoma	1	3	3	..	7	..	..	..	1	1
Injuries	5	2	1	..	8	..	..	..	..	..
Keratitis uveitis.....	4	4	1	..	9	4	..	3	1	8
Refractions, cycloplegic.....	39	81	..	3	123	10	22	10	13	55
Refractions, simple.....	66	93	..	2	161	9	20	12	14	55
Routine inspections.....	20	32	2	3	57	1	4	23	33	61
Slit lamp examinations.....	4	3	..	..	7	..	..	..	..	..
Glasses furnished by the South Carolina State Hospital.....	*	*	*	*	..	*	*	*	*	..
EARS—										
Cancer	1	..	..	..	1	..	..	..	..	..
Cerumen removed.....	6	1	..	..	7	1	..	..	..	1
Foreign bodies removed.....	4	..	..	..	4	..	..	..	..	..
Irrigations	6	2	..	..	8	2	..	..	..	2
Myringotomy .....	..	1	..	..	1	..	..	..	..	..
Otitis externa, all types.....	8	5	..	3	16	2	5	1	2	10
Otitis media, all types.....	38	28	4	5	75	..	3	1	2	6
Routine examinations.....	688	644	40	49	1,421	1	..	5	11	17
NOSE AND THROAT—										
Carcinoma, esophagus.....	1	..	..	..	1	..	..	..	..	..
Foreign bodies removed.....	..	1	..	..	1	..	..	..	..	..
Fluoroscopic examination, esophagus..	1	..	..	..	1	..	..	..	..	..
Injuries	1	..	..	..	1	..	..	..	..	..
Laryngitis	4	2	..	..	6	..	4	..	..	4
Naso-pharyngitis	4	4	..	..	8	..	4	..	..	4
Peritonsillar abscess.....	1	..	..	..	1	..	..	..	..	..
Routine examinations.....	627	413	5	5	1,050	1	..	2	4	7
Shrinkage, nasal mucosa.....	..	1	..	..	1	..	..	..	..	..
Sinusitis	23	8	1	..	32	6	10	..	..	16
Tonsillitis	14	3	..	..	17	9	8	9	6	32
Tonsillectomies	2	1	..	..	3	..	..	..	..	..
Vincent's infection.....	1	..	..	..	1	..	1	..	..	1

* None.

Cultures, smears and X-ray examinations made whenever indicated.

DENTAL WORK

Examinations	3,730
Anesthetics	1,890
Extractions	1,932
Treatments	319

Bridges:

Removed	3
Repaired	4
Reset	6

Dentures:

Duplicated	2
Made	55
Partial made	6
Partial repaired	10
Partial (ticonium made)	1
Repaired	22

Fillings:

Alloy	141
Porcelain	95
Temporary	2
Fractured mandible reduced	3
Gold crown made	1

Gold inlays:

Made	6
Reset	3
Impactions removed	9
Tooth brushes distributed	926
X-ray exposures	80
Requisitions for money needed for dental work	45
Deposits—money received for dental work	66

SURGICAL SERVICE

Operations performed by the consulting and resident staff are found in the following tables:

	Patients					Employees				
	White Men	White Women	Negro Men	Negro Women	Total	White Men	White Women	Negro Men	Negro Women	Total
Amputation:										
Leg .....	..	..	1	..	1	..	..	..	..	..
Toe .....	..	..	1	..	1	..	..	..	..	..
Appendectomy .....	..	..	..	1	1	2	1	..	1	4
Biopsy:										
Anal polypus.....	1	..	..	..	1	..	..	..	..	..
Ankle tumor.....	1	..	..	..	1	..	..	..	..	..
Breast .....	..	1	..	1	2	..	..	..	..	..
Cervix .....	..	1	..	..	1	..	..	..	..	..
Neck tumor.....	1	..	..	1	2	..	..	..	..	..
Rectum .....	..	1	..	..	1	..	..	..	..	..
Umbilicus .....	..	1	..	..	1	..	..	..	..	..
Blood transfusion.....	4	6	..	..	10	..	..	..	..	..
Callous removed from feet.....	..	1	..	..	1	..	..	..	..	..
Crainotomy	1	1	..	..	2	..	..	..	..	..
Dilatation and curettage.....	..	4	..	..	4	..	..	..	..	..
Excision, papiloma, hand.....	..	..	..	..	..	1	..	..	..	1
Exploratory laparotomy.....	1	..	..	..	1	..	..	..	..	..
Hemorrhoidectomy	1	3	2	..	6	1	..	..	..	1
Herniotomy	7	3	..	2	12	1	..	..	..	..
Hysterectomy .....	..	2	..	2	4	..	..	..	1	1
Hydrocele, testicle.....	1	..	..	..	1	..	..	..	..	..
Incision and drainage abscess:										
Abdominal wall.....	..	1	..	..	1	..	..	..	..	..
Face	1	..	..	..	1	..	..	..	..	..
Periurethra .....	..	..	1	..	1	..	..	..	..	..
Rectum .....	..	1	1	..	2	..	..	..	..	..
Incision and removal sebaceous cyst:										
Head .....	..	..	..	..	..	1	..	..	..	1
Wrist .....	..	..	..	..	..	..	1	..	..	1
Incision and removal, tumor:										
Back .....	..	..	1	..	1	..	..	..	..	..
Leukotomy:										
Prefrontal	3	24	..	..	27	..	..	..	..	..
Trans-orbital	1	15	..	..	16	..	..	..	..	..
Mastectomy	1	2	..	..	3	..	..	..	..	..
Nephrolithotomy .....	..	..	..	1	1	..	1	..	..	1
Parecentesis:										
Abdomen	4	..	..	..	4	..	..	..	..	..
Eye .....	..	..	..	..	..	..	3	..	..	3
Removal of warts by cauterization.....	1	1	..	..	2	..	..	..	..	..
Removal:										
Cyst, eye lid.....	..	..	..	1	1	..	..	..	..	..
Cyst, neck.....	..	1	..	..	1	..	..	..	..	..
Growth, leg.....	1	..	..	..	1	..	..	..	..	..
Tumor, umbilicus.....	..	1	..	..	1	..	..	..	..	..
Salpingo-oophrectomy .....	..	..	..	..	..	..	1	..	..	1
Skin grafting:										
Ankle	1	..	..	..	1	..	..	..	..	..
Face .....	..	..	..	1	1	..	..	..	..	..
Leg	1	..	..	..	1	..	..	..	..	..
Shoulder .....	..	..	..	1	1	..	..	..	..	..
Sterilization .....	..	1	..	1	2	..	..	..	..	..
Suturing, extensive laceration:										
Lip .....	..	..	1	..	1	..	..	..	..	..
Scalp .....	..	..	1	..	1	..	..	..	..	..
Throat .....	..	..	1	..	1	..	..	..	..	..
Wrist .....	..	..	1	..	1	..	..	..	..	..
Tenorrhaphy, wrist.....	..	..	..	..	..	..	..	1	..	1
Thyroidectomy .....	..	..	..	1	1	..	..	..	..	..
Ureterolithotomy .....	..	..	..	..	..	1	..	..	..	1
Special treatments:										
Infra red light.....	19	..	..	..	19	6	1	..	..	7
Total.....	51	71	11	13	146	13	8	1	2	24

ORTHOPEDICS

	Patients				
	White Men	White Women	Negro Men	Negro Women	Total
Wrist .....	..	1	..	..	1
Amputation, leg.....	3	1	1	..	5
Application of cast for purpose of giving electro shock therapy ..	..	1	..	..	1
Biopsy, tibia.....	..	..	1	..	1
Closed reduction, dislocation of shoulder.....	1	..	..	..	1
Closed reduction and application of cast for fracture:					
Ankle	1	..	..	..	1
Femur .....	..	..	2	..	2
Finger .....	..	1	..	..	1
Humerus	1	..	..	..	1
Ulna .....	..	..	..	1	1
Wrist	1	12	..	..	13
Closed reduction and steel pin fixation for fracture:					
Hip .....	..	1	..	..	1
Incision and removal of steel pins:					
Arm	1	..	..	..	1
Hip .....	..	2	..	..	2
Open reduction for fracture:					
Hip .....	..	2	..	..	2
Knee .....	..	1	..	..	1
Tibia	1	..	..	..	1
Open reduction and application of cast for fracture:					
Wrist .....	..	1	..	..	1
Open reduction and reconstruction for fracture:					
Ankle .....	..	..	1	..	1
Open reduction and steel pin fixation for fracture:					
Femur .....	..	1	..	..	1
Hip .....	..	10	1	..	11
Open reduction and blade plate fixation for fracture:					
Femur .....	..	1	..	..	1
Hip	4	2	..	..	6
Reduction and application of cotton bandage for dislocation:					
Shoulder	1	1	1	..	3
Suturing, laceration of hip.....	..	1	..	..	1
TOTAL.....	14	38	7	1	60

SOCIAL SERVICE

The work of the Social Service Department has been hampered and the work limited during the past year because of lack of personnel. However, the following services were rendered:

1. A great deal of time was spent in securing information from relatives and others in regard to the background and onset of the patient's trouble prior to his admission to the hospital. This information is helpful to the staff in making a diagnosis and instituting the necessary treatment.

2. Histories were secured on all Court cases admitted for observation.

3. When possible the social worker has helped the family, with the assistance of community agencies, to formulate plans

which would avoid the breaking up of the home while the patient is in the hospital.

4. In a number of cases members of the family of a patient upon whom a prefrontal leukotomy had been performed were advised as to aftercare so that upon returning home he would be received with understanding and acceptance.

Grateful acknowledgment is made of the help and cooperation of community social agencies and all individuals who were of aid in carrying out the program of this department.

LIBRARY

The library is comprised of a collection of books for patients and the medical library.

Nine new volumes have been added to the medical collection. Subscriptions are carried to eight medical journals and periodicals. Fifty-four new books, purchased from money donations, have been added to the patients' library. This collection consists almost entirely of contributions of used books augmented by a limited loan service from the Richland County Library. Consequently books of interest to every reading range and ability level are not available to patients.

Many individuals and church groups, by contributing used magazines, have made it possible for the library to distribute 25,451 magazines on the wards. A small proportion of these were current or near current issues. Magazine racks have been placed on nine of the wards. This has facilitated the distribution of magazines and has demonstrated that pictorial magazines can be a strong factor in arousing the interest of the mentally ill.

Books were checked out 12,080 times to patients, with a monthly average of 360 borrowers. Few patients can come to the library due to location and limited space. The complete lack of cheerful, restful reading rooms limits the service of the library, the aim of which is to stimulate minds to renewed interest in the outside world.

The library has sponsored regular group activities such as book and music clubs. At these group meetings the programs are planned and executed by the patients and are composed of book reviews, notices about books, authors and composers,

current events, music appreciation and musical numbers. On special occasions programs are followed by a social hour. These meetings afford the individual opportunity to express his interests and talents and serve as a supporting factor in his effort to regain confidence in himself as he anticipates a return to his home and community. In addition, such activity helps relieve the monotony of hospital life.

RELIGIOUS ACTIVITIES

Two worship services have been held each Sunday at the Columbia unit and one at the State Park division. During the week, devotional services were conducted on those wards where patients were unable to attend Sunday services. Occasionally religious movies were shown on these wards. Ministers from the vicinity conducted special Holy Communion services for patients of their denominations.

Worship and discussion programs were held regularly for the student nurses. They shared in the planning and projection of the activities.

Much time was consumed in visiting and counseling patients. The largest percentage of contacts was with the newly admitted ones. The number of patients being referred for counseling is increasing. Ministers of the community frequently visit their respective members.

At Easter, Thanksgiving, and Christmas, special services were held in the chapels and on various wards. Appropriate movies and film slides were used at some of them. A group of sixty patients presented a Christmas pageant. Through the thoughtfulness of the churches of Columbia and vicinity, and friends, every patient was remembered with a Christmas gift.

The chaplain is assisted in the planning and projecting of a spiritual ministry by the Patients' Committee of Religious Activities. The group consists of both men and women who have made a fine contribution to the work through their service and by stimulating a greater interest in the work.

Frequent requests have been made for the chaplain to present his work to different community organizations and church groups. Other invitations were also accepted to speak on related work.

The chaplain was re-elected president of the Association of Mental Hospital Chaplains at its second annual meeting April 21-22, 1949, in Washington, D. C. He has also participated in the Association's project of preparing a hymnal suitable for mental hospital use.

Another group of theological students and ministers began a course of clinical pastoral training on June 6, 1949, for a period of twelve weeks. This program is operated jointly by the hospital and the Council for Clinical Training, Inc. Those participating in the course were: Messrs. Edwin B. Clippard, Columbia, South Carolina; George E. Stokes, Jr., Norfolk, Virginia; George C. Thompson, Philadelphia, Pennsylvania; all from the Virginia Theological Seminary, Alexandria, Virginia; H. Ward Jackson, Johnson City, New York, from Episcopal Theological Seminary, Cambridge, Mass.; David L. Voorhees, Buhl, Idaho, from Concordia Theological Seminary, St. Louis, Mo.; and the Rev. Oren N. Renneau, The Christian Church, Albany, Kentucky.

SCHOOL OF NURSING

CHURCH BUILDING FUND

The fund for the proposed church on the hospital grounds in the city, which was begun by patients in November 1943 with contributions since then from relatives, friends and organizations, is now \$24,825.30.

There is every reason to believe that very soon the required \$30,000.00 necessary to match a like amount appropriated by the 1946 General Assembly will be available and construction of this greatly needed building at the Columbia division can be started.

Church services are held each Sunday in the two auditoriums in the city and in the main dining hall at State Park, which are not adequate, and there is urgent need for a definite place of worship at the Columbia division, as well as for the Negro division at State Park.

HOSPITAL EDUCATIONAL ACTIVITIES

RECREATION

Every effort was exerted to provide entertainment and diversion for the greatest number of patients possible since there is full realization of the value of this form of therapy.

Weekly dances and moving pictures were provided, and special attractions were the Hallowe'en party and dance; the Christmas dance and appropriate programs on the wards; and a pageant presented by the white patients in the auditorium of the Administration Building.

A portable machine enabled patients on wards throughout the hospital to enjoy Christmas movies and carols.

On several occasions the library club, composed of white patients, presented a worthwhile program of music and stories.

The string ensemble of patients frequently rendered selections in the various dining halls.

Through the courtesy of the officials of both the white and the Negro State Fair Associations, 414 white and 641 Negro patients had the pleasure of attending these annual events.

The opening of the canteen on the hospital grounds in the city on March 18, 1949 has proved of much benefit and pleasure.

SCHOOL OF NURSING

The School of Nursing continued to function in the usual manner.

Eight students were accepted in 1948, making a total of nineteen. Five students resigned during the year to be married.

Misses Margaret Odom and Juanita Whittle, both of Blackville, S. C., were graduated and awarded diplomas on July 9, 1948.

On June 3, 1949 Misses Bobby Jean Burkhalter of Bath, S. C.; Lyall Juanita Fraylick, Vance; Ola Mae Rikard, Pomaria; and Catherine Vermelle Wise of Newberry, were graduated and awarded diplomas.

Seven graduate nurses and five student nurses attended the State League of Nursing Education Convention held in Charleston in October 1948.

HOSPITAL EDUCATIONAL ACTIVITIES

Efforts were exerted in every possible way to better inform the general public and special groups as to preventive measures and therapy in mental illness, as well as to the needs of the hospital and opportunities for rendering service for the mentally ill.

Comments will be found elsewhere in this report referable to programs arranged for seniors from the Medical College, State of South Carolina, Charleston; those from abnormal psychology and sociology classes of the University of South Carolina, Furman University, Clemson, Newberry and Erskine Colleges; also for the State Conference of Social Workers and provisional members of the Columbia Junior League.

Staff members appeared on the program when the clinical meeting of the Southeastern Society of Neurology and Psychiatry was held at the hospital.

A selected group of one ordained minister and five theological students spent twelve weeks here for a course in clinical pastoral training and practical ward experience.

The interest and activities of the Junior Chamber of Commerce groups will be of valuable aid in acquainting the people of the State with the facts they secured by personal visits to the hospital.

MENTAL HYGIENE CLINICS

As will be observed in their reports, the mental hygiene clinics in Charleston and Spartanburg have functioned satisfactorily and have continued to fill a great need in the communities.

The numerous requests for assistance with mental problems emphasize the opportunities for service in this field, and as soon as properly trained personnel can be secured a mental hygiene clinic will be re-established in Columbia and at other strategic points in the State.

BUSINESS DEPARTMENT

Major improvements to the physical plant completed within the year merit recognition, as do those initiated for finishing later. The sewage disposal plant at the State Park unit was modernized and doubled in capacity. Building 1, the oldest and largest at this location, was provided a complete new steam heating system, while new boilers were installed in Buildings 4 and 5. The grounds were enclosed with a steel wire fence, thus providing added protection for both patients and property. At the Columbia unit extensive renovations were accomplished in the center building to provide administrative offices.

A canteen building was constructed and put into use for the benefit of patients on March 18, 1949. The McPherson Company of Greenville completed a survey of the entire plant to determine the value of buildings, needed repairs with estimated cost, and additional facilities required.

Changes accomplished in the supply service for increased efficiency include installation of an inventory system and purchase order and requisition procedure. Close coordination was affected with the local agency directing distribution of surplus food commodities and the maximum quantities obtained.

Complete reorganization of the farms department was effected and all activities placed under the jurisdiction of a superintendent, making for more efficient use of labor and equipment and reducing overhead costs. A new crop program was formulated, a definite swine breeding plan instituted, and further progress made toward mechanization of the operation. Farm labor sawed and delivered in excess of 100,000 feet of lumber for use in general maintenance.

Progress was accomplished toward elimination of worn out automotive equipment and operating costs reduced. The bakery equipment situation was improved with the addition of a dough divider, a rounder, and a large power mixer. Except for the installation of a similar mixer in the central kitchen very little improvement was made at that point with respect to equipment. A metal washer was installed in the laundry at Columbia to replace a worn out wooden washer.

FISCAL DEPARTMENT

A new accounting system, approved by the State Auditor, designed for simplified auditing and minimized clerical cost, was instituted for all hospital activities July 1, 1948. Budgetary allocation of appropriated funds was set for each department. Monthly reports of expenditures against the allocations, as well as balances available, were prepared. Both the improved system of accounting and the budgetary controls enabled the superintendent to keep costs within available funds.

During the year, there were 122 paying patients. The total revenue from that source to the General Fund of the State was \$49,221.85. From sundry sources, the hospital originated an additional \$59,225.03 for the General Fund of the State.

Cost of Operation

For Maintenance	\$ 2,732,552.00
Daily Average Population	5,053
Daily Per Capita Cost	\$1.4815
Income for General Fund of State	108,444.88

Mental Hygiene Work

Total Expenditures	80,816.43
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Structural and Non-Structural Improvements and Equipment

Expenditures	245,077.69
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A detailed account of cash receipts and disbursements for all activities is found in the statistical section of this report.

PERSONNEL DEPARTMENT

The organization of the personnel department was authorized by the Board of Regents effective June 1, 1948. Temporary office space was made available in September 1948. During the first few months of operation, the payroll system was modernized and a payroll machine was installed.

An employment program was initiated to insure the selection of the best qualified eligibles and to alleviate the acute shortage of personnel. A records system was established for the maintenance of records and files on all employees. To promote more harmonious management-employee relationships, considerable time was devoted to employee counselling and personnel relations.

In March 1949 the personnel office moved from temporary to permanent offices in the Administration Building. It is anticipated that the services of this department will be greatly expanded during the coming year.

VISITORS

Visitors during February 1949 were Hon. Stanton A. Hall of Hattiesburg, and Hon. H. H. Hardee of Clara, Mississippi, members of the Mississippi General Legislative Investigating Committee, who were visiting various private and State hospitals for the purpose of securing ideas for the improvement of their own institutions.

FIRE DEPARTMENT

A well equipped fire department continued to be maintained with systematic inspections of the entire hospital made throughout the year.

The efficiency, assistance and cooperation of Chief A. McC. Marsh and the Columbia Fire Department are sources of security, and sincere gratitude is expressed to them.

ACKNOWLEDGMENTS

Gratitude is extended to members of the Board of Regents for their sympathetic understanding and guidance and encouragement in all the administrative affairs of the hospital during my tenure since January 1, 1949.

Grateful acknowledgment is made to all officers and other personnel for their loyalty and cooperation.

Members of the consultant staff have rendered valuable services to patients and employees and appreciation is expressed to them.

Thanks are expressed to the many friends of the hospital for contributions of cash, books, magazines and gifts of various kinds for the pleasure and benefit of the patients.

Respectfully submitted

W. P. BECKMAN, M.D.

Acting Superintendent

Statistical Tables

PSYCHOSES OF FIRST ADMISSIONS

PSYCHOSES	Code No.	White Men	White Women	Negro Men	Negro Women	Total
Psychoses with syphilitic meningo-encephalitis (general paresis).....	100	17	5	66	19	107
Total.....		17*	5*	66*	19*	107*
Psychoses with epidemic encephalitis.....	300	1	1	..	..	2
Total.....		1*	1*	*	*	2*
Alcoholic psychoses.....	500					
Pathological intoxication.....	510	13	..	..	..	13
Delirium tremens.....	520	23	1	2	..	26
Kosakoff's psychosis.....	530	1	..	..	..	1
Acute hallucinosis.....	540	4	1	9	1	15
Deterioration.....	550	3	..	..	..	3
Total.....		44*	2*	11*	1*	58*
Psychoses due to drugs or other exogenous poisons.....	600					
Due to gases.....	620	1	..	..	..	1
Due to opium and derivatives.....	630	2	..	..	..	2
Due to other drugs.....	640	4	2	..	..	6
Total.....		7*	2*	*	*	9*
Traumatic Psychoses.....	700					
Traumatic delirium.....	710	1	..	..	1	2
Post-traumatic mental deterioration.....	730	1	..	..	..	1
Other types.....	740	..	..	1	..	1
Total.....		2*	*	1*	1*	4*
Psychoses with Cerebral Arteriosclerosis.....	800	70	54	56	42	222
Total.....		70*	54*	56*	42*	222*
Psychoses with other disturbances of circulation.....	900					
With cardio-renal disease.....	920	9	4	5	2	20
Other types.....	930	1	..	..	..	1
Total.....		10*	4*	5*	2*	21*
Psychoses with convulsive disorders (epilepsy).....	1000					
Deterioration.....	1010	9	6	7	4	26
Clouded states.....	1020	7	1	3	2	13
Other epileptic types.....	1030	1	..	..	3	4
Total.....		17*	7*	10*	9*	43*
Senile Psychoses.....	1100					
Simple deterioration.....	1110	27	28	8	17	80
Delirious and confused.....	1130	2	1	..	..	3
Depressed and agitated.....	1140	..	1	..	..	1
Paranoid.....	1150	..	..	..	2	2
Total.....		29*	30*	8*	19*	86*
Involuntional Psychoses.....	1200					
Melancholia.....	1210	22	22	..	1	45
Paranoid.....	1220	2	10	..	..	12
Total.....		24*	32*	*	1*	57*
Psychoses due to other metabolic, etc., diseases.....	1300					
Diseases of the endocrine glands.....	1310	1	..	..	..	1
Other somatic diseases.....	1350	2	..	..	6	8
Total.....		3*	*	*	6*	9*
Psychoses due to new growth.....	1400					
Intracranial neoplasms.....	1410	..	2	..	..	2
Other neoplasms.....	1420	1	..	..	..	1
Total.....		1*	2*	*	*	3*

PSYCHOSES OF FIRST ADMISSIONS—Continued

PSYCHOSES	No. Code	White Men	White Women	Negro Men	Negro Women	Total
Psychoses associated with organic changes of the nervous system.....	1500	..	..	..	..	..
Multiple sclerosis.....	1510	2	..	..	..	2
Paralysis agitans.....	1520	1	..	..	..	1
Huntington's chorea.....	1530	..	1	..	..	1
Other brain or nervous diseases.....	1540	..	1	..	1	2
Total.....		3*	2*	*	1*	6*
Psychoneuroses	1600					
Hysteria	1610	15	44	1	..	60
Psychasthenia	1620	1	6	..	..	7
Neurasthenia	1630	2	..	..	..	2
Hypochondriasis	1640	..	2	..	..	2
Reactive depression	1650	8	8	..	..	16
Anxiety	1660	3	8	..	2	13
Anorexia nervosa	1670	1	..	..	..	1
Mixed	1680	17	5	..	..	22
Total.....		47*	73*	1*	2*	123*
Manic-depressive Psychoses.....	1700					
Manic	1710	14	24	29	64	131
Depressive	1720	11	16	..	3	30
Mixed	1740	1	..	..	..	1
Other types.....	1770	..	1	..	..	1
Total.....		26*	41*	29*	67*	163*
Dementia praecox (schizophrenia).....	1800					
Simple	1810	9	1	2	..	12
Hebephrenic	1820	19	9	30	22	80
Catatonic	1830	23	46	13	41	123
Paranoid	1840	16	20	10	7	53
Other types.....	1850	1	1	..	..	2
Total.....		68*	77*	55*	70*	270*
Paranoia and paranoid conditions.....	1900					
Paranoia	1910	1	..	..	..	1
Paranoid condition.....	1920	7	10	..	..	17
Total.....		8*	10*	*	*	18*
Psychoses with psychopathic personality.....	2000	2				2
Total.....		2*	*	*	*	2
Psychoses with mental deficiency.....	2100	18	8	9	7	42
Total.....		18*	8*	9*	7*	42*
Undiagnosed psychoses.....	2200	5	2	1	1	9
Total.....		5*	2*	1*	1*	9*
Total with psychoses.....		402	352*	252*	248*	1254
Without Psychoses:						
Without mental disorder.....	2300	29	4	15	4	52
Convulsive disorder.....	2310	..	2	..	..	2
Alcoholism	2320	86	7	4	1	98
Drug addiction.....	2330	5	5	..	1	11
Mental deficiency.....	2340	4	6	24	7	41
Epidemic encephalitis.....	2350	1	..	..	..	1
Psychopathic personality.....	2360	26	5	..	..	31
Other non-psychotic conditions.....	2370	6	..	..	..	6
Simple adult maladjustment.....	2410	..	3	..	1	4
Primary behavior disorder.....	2420	1	..	..	..	1
Conduct disturbance.....	2422	..	..	1	..	1
Total without psychoses.....		158	32	44	14	248
GRAND TOTAL.....		560	384	296	262	1502

AGE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

White Race

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis.....	1	17	5	22
Psychoses with epidemic encephalitis.....	3	1	1	2
Alcoholic psychoses.....	5	44	2	46
Psychoses due to drugs or other exogenous poisons.....	6	7	2	9
Traumatic psychoses.....	7	2	..	2
Psychoses with cerebral arteriosclerosis.....	8	70	54	124
Psychoses with other disturbances of circulation.....	9	10	4	14
Psychoses with convulsive disorders (epilepsy).....	10	17	7	24
Senile psychoses.....	11	29	30	59
Involuntional psychoses.....	12	24	32	56
Psychoses due to other metabolic, etc., diseases.....	13	3	..	3
Psychoses due to new growth.....	14	1	2	3
Psychoses associated with organic changes of the nervous system.....	15	3	2	5
Psychoneuroses.....	16	47	73	120
Manic depressive.....	17	26	41	67
Dementia praecox (schizophrenia).....	18	68	77	145
Paranoia and paranoid conditions.....	19	8	10	18
Psychoses with psychopathic personality.....	20	2	..	2
Psychoses with mental deficiency.....	21	18	8	26
Undiagnosed psychoses.....	22	5	2	7
Without psychoses.....	23	157	29	186
Primary behavior disorders.....	24	1	3	4
Total.....		560*	384*	944*
Under 15 Years:				
Psychoses with syphilitic meningo encephalitis.....	1	1	..	1
Alcoholic psychoses.....	5	1	..	1
Without psychoses.....	23	4	2	6
Total.....		6*	2*	8*
15-19 Years:				
Psychoses with convulsive disorders (epilepsy).....	10	1	..	1
Psychoneuroses.....	16	1	..	1
Manic depressive.....	17	2	2	4
Dementia praecox (schizophrenia).....	18	4	10	14
Without psychoses.....	23	7	5	12
Primary behavior disorders.....	24	1	1	2
Total.....		16*	18*	34*
20-24 Years:				
Alcoholic psychoses.....	5	1	1	2
Psychoses with convulsive disorders (epilepsy).....	10	..	2	2
Psychoneuroses.....	16	6	11	17
Dementia praecox (schizophrenia).....	18	11	13	24
Psychoses with psychopathic personality.....	20	1	..	1
Psychoses with mental deficiency.....	21	2	..	2
Without psychoses.....	23	15	1	16
Total.....		36*	28*	64*
25-29 Years:				
Psychoses with syphilitic meningo encephalitis.....	1	2	..	2
Alcoholic psychoses.....	5	5	..	5
Traumatic psychoses.....	7	2	..	2
Psychoses with convulsive disorders (epilepsy).....	10	1	1	2
Psychoses due to new growth.....	14	..	1	1
Psychoses associated with organic changes of the nervous system.....	15	1	1	2
Psychoneuroses.....	16	8	11	19
Manic depressive.....	17	2	10	12
Dementia praecox (schizophrenia).....	18	15	16	31
Psychoses with mental deficiency.....	21	3	1	4
Without psychoses.....	23	16	3	19
Total.....		55*	44*	99*

AGE OF FIRST ADMISSION CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES—Continued

White Race

PSYCHOSES	Code No.	Men	Women	Total
30-34 Years:				
Psychoses with epidemic encephalitis.....	3	..	1	1
Alcoholic psychoses.....	5	6	..	6
Psychoses with convulsive disorders (epilepsy).....	10	4	1	5
Psychoneuroses.....	16	7	17	24
Manic depressive.....	17	2	7	9
Dementia praecox (schizophrenia).....	18	17	18	35
Paranoia and paranoid conditions.....	19	1	..	1
Psychoses with mental deficiency.....	21	3	..	3
Undiagnosed psychoses.....	22	1	..	1
Without psychoses.....	23	22	3	25
Primary behavior disorders.....	24	..	1	1
Total.....		63*	48*	111*
35-39 Years:				
Psychoses with syphilitic meningo encephalitis.....	1	3	2	5
Psychoses with epidemic encephalitis.....	3	1	..	1
Alcoholic psychoses.....	5	5	..	5
Psychoses with cerebral arteriosclerosis.....	8	..	2	2
Psychoses with other disturbances of circulation.....	9	..	1	1
Psychoses with conclusive disorders (epilepsy).....	10	7	..	7
Involuntional psychoses.....	12	..	1	1
Psychoses due to other metabolic, etc., diseases.....	13	1	..	1
Psychoneuroses.....	16	13	11	24
Manic depressive.....	17	6	10	16
Dementia praecox (schizophrenia).....	18	9	11	20
Paranoia and paranoid conditions.....	19	..	1	1
Psychoses with psychopathic personality.....	20	1	..	1
Psychoses with mental deficiency.....	21	4	..	4
Undiagnosed psychoses.....	22	1	1	2
Without psychoses.....	23	21	5	26
Total.....		72*	45*	117*
40-44 Years:				
Psychoses with syphilitic meningo encephalitis.....	1	2	1	3
Alcoholic psychoses.....	5	15	1	16
Psychoses due to drugs or other exogenous poisons.....	6	3	1	4
Psychoses with cerebral arteriosclerosis.....	8	2	1	3
Psychoses with convulsive disorders (epilepsy).....	10	1	..	1
Involuntional psychoses.....	12	4	7	11
Psychoses due to new growth.....	14	..	1	1
Psychoneuroses.....	16	7	13	20
Manic depressive.....	17	8	2	10
Dementia praecox (schizophrenia).....	18	4	4	8
Paranoia and paranoid conditions.....	19	1	2	3
Psychoses with mental deficiency.....	21	2	3	5
Undiagnosed psychoses.....	22	1	1	2
Without psychoses.....	23	21	4	25
Primary behavior disorders.....	24	..	1	1
Total.....		71*	42*	113*

AGE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES—Continued

White Race

PSYCHOSES	Code No.	Men	Women	Total
45-49 Years:				
Psychoses with syphilitic meningo encephalitis.....	1	3	2	5
Alcoholic psychoses.....	5	4	..	4
Psychoses due to drugs or other exogenous poisons.....	6	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	2	4	6
Psychoses with convulsive disorders (epilepsy).....	10	1	..	1
Involuntional psychoses.....	12	4	4	8
Psychoses due to new growth.....	14	1	..	1
Psychoses associated with organic changes of the nervous system.....	15	..	1	1
Psychoneuroses.....	16	3	5	8
Manic depressive.....	17	4	6	10
Dementia praecox (schizophrenia).....	18	1	..	1
Paranoia and paranoid conditions.....	19	2	4	6
Psychoses with mental deficiency.....	21	1	1	2
Without psychoses.....	23	16	2	18
Total.....		43*	29*	72*
50-54 Years:				
Psychoses with syphilitic meningo encephalitis.....	1	3	..	3
Alcoholic psychoses.....	5	2	..	2
Psychoses with cerebral arteriosclerosis.....	8	5	..	5
Psychoses with other disturbances of circulation.....	9	1	2	3
Psychoses with convulsive disorders (epilepsy).....	10	1	2	3
Involuntional psychoses.....	12	8	14	22
Psychoneuroses.....	16	1	2	3
Dementia praecox (schizophrenia).....	18	1	1	2
Paranoia and paranoid conditions.....	19	1	2	3
Psychoses with mental deficiency.....	21	2	2	4
Without psychoses.....	23	16	1	17
Total.....		41*	24*	65*
55-59 Years:				
Alcoholic psychoses.....	5	1	..	1
Psychoses due to drugs or other exogenous poisons.....	6	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	15	7	22
Psychoses with other disturbances of circulation.....	9	2	1	3
Senile psychoses.....	11	..	1	1
Involuntional psychoses.....	12	5	4	9
Psychoses due to other metabolic, etc., diseases.....	13	1	..	1
Manic depressive.....	17	1	1	2
Dementia praecox (schizophrenia).....	18	2	1	3
Paranoia and paranoid conditions.....	19	2	..	2
Psychoses with mental deficiency.....	21	..	1	1
Undiagnosed psychoses.....	22	1	..	1
Without psychoses.....	23	4	2	6
Total.....		35*	18*	53*
60-64 Years:				
Psychoses due to drugs or other exogenous poisons.....	6	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	12	12	24
Psychoses with other disturbances of circulation.....	9	2	..	2
Psychoses with convulsive disorders (epilepsy).....	10	1	..	1
Senile psychoses.....	11	..	1	1
Involuntional psychoses.....	12	1	1	2
Psychoses associated with organic changes of the nervous system.....	15	1	..	1
Manic depressive.....	17	1	1	2
Dementia praecox (schizophrenia).....	18	..	1	1
Psychoses with mental deficiency.....	21	1	..	1
Without psychoses.....	23	4	..	4
Total.....		24*	16*	40*

AGE OF FIRST ADMISSION CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES—Continued

White Race

PSYCHOSES	Code No.	Men	Women	Total
65-69 Years				
Psychoses with syphilitic meningo encephalitis.....	1	1	..	1
Alcoholic psychoses.....	5	1	..	1
Psychoses due to drugs or other exogenous poisons.....	6	..	..	1
Psychoses with cerebral arteriosclerosis.....	8	12	17	29
Psychoses with other disturbances of circulation.....	9	2	1	3
Senile psychoses.....	11	4	1	5
Involuntional psychoses.....	12	..	1	1
Psychoses due to other metabolic, etc., diseases.....	13	1	..	1
Manic depressive.....	17	..	2	2
Dementia praecox (schizophrenia).....	18	..	1	1
Paranoia and paranoid conditions.....	19	..	1	1
Without psychoses.....	23	3	..	3
Total.....		24*	25*	49*
70 Years and Over:				
Psychoses with syphilitic meningo encephalitis.....	1	1	..	1
Alcoholic psychoses.....	5	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	19	11	30
Psychoses with other disturbances of circulation.....	9	3	..	3
Psychoses with convulsive disorders (epilepsy).....	10	..	1	1
Senile psychoses.....	11	25	27	52
Involuntional psychoses.....	12	1	..	1
Dementia praecox (schizophrenia).....	18	4	1	5
Without psychoses.....	23	2	..	2
Total.....		56*	40*	96*
Unascertained:				
Psychoses with syphilitic meningo encephalitis.....	1	1	..	1
Alcoholic psychoses.....	5	2	..	2
Psychoses due to drugs or other exogenous poisons.....	6	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	3	..	3
Psychoses with other disturbances of circulation.....	9	..	1	1
Involuntional psychoses.....	12	1	..	1
Psychoses associated with organic changes of the nervous system.....	15	1	..	1
Psychoneuroses.....	16	1	3	4
Dementia praecox (schizophrenia).....	19	1	..	1
Undiagnosed psychoses.....	22	1	..	1
Without psychoses.....	23	6	1	7
Total.....		18*	5*	23*

AGE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES—Con.
Negro Race

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis.....	1	66	19	85
Alcoholic psychoses.....	5	11	1	12
Traumatic psychoses.....	7	1	1	2
Psychoses with cerebral arteriosclerosis.....	8	56	42	98
Psychoses with other disturbances of circulation.....	9	5	2	7
Psychoses with convulsive disorders (epilepsy).....	10	10	9	19
Senile psychoses.....	11	8	19	27
Involuntional psychoses.....	12	..	1	1
Psychoses due to other metabolic, etc., diseases.....	13	..	6	6
Psychoses associated with organic changes of the nervous system.....	15	..	1	1
Psychoneuroses.....	16	1	2	3
Manic depressive.....	17	29	67	96
Dementia praecox (schizophrenia).....	18	55	70	125
Psychoses with mental deficiency.....	21	9	7	16
Undiagnosed psychoses.....	22	1	1	2
Without psychoses.....	23	43	13	56
Primary behavior disorders.....	24	1	1	2
Total.....		296*	262*	558*
Under 15 Years:				
Psychoses with convulsive disorders (epilepsy).....	10	..	1	1
Manic depressive.....	17	..	4	4
Dementia praecox (schizophrenia).....	18	..	1	1
Psychoses with mental deficiency.....	21	2	..	2
Without psychoses.....	23	11	3	14
Primary behavior disorders.....	24	..	1	1
Total.....		13*	10*	23*
15-19 Years:				
Psychoses with convulsive disorders.....	10	1	1	2
Psychoses due to other metabolic, etc., diseases.....	13	..	1	1
Manic depressive.....	17	2	6	8
Dementia praecox (schizophrenia).....	18	5	10	15
Psychoses with mental deficiency.....	21	2	1	3
Without psychoses.....	23	7	3	10
Primary behavior disorders.....	24	1	..	1
Total.....		18	22*	40*
20-24 Years:				
Psychoses with syphilitic meningo encephalitis.....	1	4	1	5
Traumatic psychoses.....	7	1	..	1
Psychoses with convulsive disorders (epilepsy).....	10	1	3	4
Psychoneuroses.....	16	..	1	1
Manic depressive.....	17	6	11	17
Dementia praecox (schizophrenia).....	18	13	15	28
Psychoses with mental deficiency.....	21	2	1	3
Undiagnosed psychoses.....	22	1	..	1
Without psychoses.....	23	6	3	9
Total.....		34*	35*	69*
25-29 Years:				
Psychoses with syphilitic meningo encephalitis.....	1	2	1	3
Alcoholic psychoses.....	5	4	..	4
Psychoses with convulsive disorders.....	10	2	2	4
Psychoses due to other metabolic, etc., diseases.....	13	..	1	1
Psychoneuroses.....	16	1	1	2
Manic depressive.....	17	11	8	19
Dementia praecox (schizophrenia).....	18	14	16	30
Psychoses with mental deficiency.....	21	2	1	3
Without psychoses.....	23	8	..	8
Total.....		44*	30*	74*

AGE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Negro Race

PSYCHOSES	Code No.	Men	Women	Total
30-34 Years:				
Psychoses with syphilitic meningo encephalitis.....	1	6	4	10
Alcoholic psychoses.....	5	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	..	1	1
Psychoses with other disturbances of circulation.....	9	1	..	1
Psychoses with convulsive disorders (epilepsy).....	10	3	..	3
Psychoses due to other metabolic, etc., diseases.....	13	..	2	2
Manic depressive.....	17	4	11	15
Dementia praecox (schizophrenia).....	18	10	8	18
Psychoses with mental deficiency.....	21	..	2	2
Without psychoses.....	23	6	2	8
Total.....		31*	30*	61*
35-39 Years				
Psychoses with syphilitic meningo encephalitis.....	1	14	1	15
Alcoholic psychoses.....	5	4	..	4
Psychoses with cerebral arteriosclerosis.....	8	..	2	2
Psychoses with convulsive disorders (epilepsy).....	10	1	..	1
Manic depressive.....	17	3	11	14
Dementia praecox (schizophrenia).....	18	3	10	13
Psychoses with mental deficiency.....	21	1	..	1
Without psychoses.....	23	2	..	2
Total.....		28*	24*	52*
40-44 Years:				
Psychoses with syphilitic meningo encephalitis.....	1	11	3	14
Traumatic psychoses.....	7	..	1	1
Psychoses with cerebral arteriosclerosis.....	8	5	2	7
Manic depressive.....	17	2	7	9
Dementia praecox (schizophrenia).....	18	6	6	12
Without psychoses.....	23	2	..	2
Total.....		26*	19*	45*
45-49 Years:				
Psychoses with syphilitic meningo encephalitis.....	1	11	4	15
Alcoholic psychoses.....	5	2	1	3
Psychoses with cerebral arteriosclerosis.....	8	11	8	19
Psychoses with convulsive disorders (epilepsy).....	10	1	1	2
Psychoses due to other metabolic, etc., diseases.....	13	..	1	1
Psychoses associated with organic changes of the nervous system.....	15	..	1	1
Manic depressive.....	17	..	3	3
Dementia praecox (schizophrenia).....	18	4	2	6
Total.....		29*	21*	50*
50-54 Years:				
Psychoses with syphilitic meningo encephalitis.....	1	5	3	8
Psychoses with cerebral arteriosclerosis.....	8	3	9	12
Psychoses with other disturbances of circulation.....	9	1	1	2
Psychoses with convulsive disorders (epilepsy).....	10	1	..	1
Manic depressive.....	17	..	5	5
Dementia praecox (schizophrenia).....	18	..	1	1
Psychoses with mental deficiency.....	21	..	1	1
Without psychoses.....	23	..	1	1
Total.....		10*	21*	31*

AGE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES—Con.
Negro Race

PSYCHOSES	Code No.	Men	Women	Total
55-59 Years:				
Psychoses with syphilitic meningo encephalitis.....	1	6	1	7
Psychoses with cerebral arteriosclerosis.....	8	11	4	15
Involuntional psychoses.....	12	..	1	1
Manic depressive.....	17	1	1	2
Without psychoses.....	23	..	1	1
Total.....		18*	8*	26*
60-64 Years:				
Psychoses with syphilitic meningo encephalitis.....	1	6	..	6
Psychoses with cerebral arteriosclerosis.....	8	10	8	18
Psychoses with other disturbances of circulation.....	9	1	1	2
Senile psychoses.....	11	..	6	6
Total.....		17*	15*	32*
65-69 Years:				
Psychoses with syphilitic meningo encephalitis.....	1	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	10	4	14
Psychoses with other disturbances of circulation.....	9	1	..	1
Senile psychoses.....	11	1	3	4
Psychoses with mental deficiency.....	21	..	1	1
Total.....		13*	8*	21*
70 Years and Over:				
Psychoses with syphilitic meningo encephalitis.....	1	..	1	1
Psychoses with cerebral arteriosclerosis.....	8	6	4	10
Psychoses with other disturbances of circulation.....	9	1	..	1
Psychoses with convulsive disorders.....	10	..	1	1
Senile psychoses.....	11	7	10	17
Total.....		14*	16*	30*
Unascertained:				
Psychoses due to other metabolic, etc., diseases.....	13	..	1	1
Dementia praecox (schizophrenia).....	18	..	1	1
Undiagnosed.....	22	..	1	1
Without psychoses.....	23	1	..	1
Total.....		1*	3*	4*

**DEGREE OF EDUCATION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES**

White Race

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis.....	1	17	5	22
Psychoses with epidemic encephalitis.....	3	1	1	2
Alcoholic psychoses.....	5	44	2	46
Psychoses due to drugs or other exogenous poisons.....	6	7	2	9
Traumatic psychoses.....	7	2	..	2
Psychoses with cerebral arteriosclerosis.....	8	70	54	124
Psychoses with other disturbances of circulation.....	9	10	4	14
Psychoses with convulsive disorders (epilepsy).....	10	17	7	24
Senile psychoses.....	11	29	30	59
Involuntional psychoses.....	12	24	32	56
Psychoses due to other metabolic, etc., diseases.....	13	3	..	3
Psychoses due to new growth.....	14	1	2	3
Psychoses associated with organic changes of the nervous system.....	15	3	2	5
Psychoneuroses.....	16	47	73	120
Manic depressive.....	17	26	41	67
Dementia praecox (schizophrenia).....	18	68	77	145
Paranoia and paranoid conditions.....	19	8	10	18
Psychoses with psychopathic personality.....	20	2	..	2
Psychoses with mental deficiency.....	21	18	8	26
Undiagnosed psychoses.....	22	5	2	7
Without psychoses.....	23	157	29	186
Primary behavior disorders.....	24	1	3	4
Total.....		560*	384*	944*
Illiterate:				
Psychoses with syphilitic meningo encephalitis.....	1	3	..	3
Psychoses with epidemic encephalitis.....	3	..	1	1
Alcoholic psychoses.....	5	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	6	5	11
Psychoses with other disturbances of circulation.....	9	1	..	1
Psychoses with convulsive disorders (epilepsy).....	10	2	1	3
Senile psychoses.....	11	6	1	7
Involuntional psychoses.....	12	2	1	3
Psychoneuroses.....	16	2	2	4
Manic depressive.....	17	2	1	3
Dementia praecox (schizophrenia).....	18	4	1	5
Paranoia and paranoid conditions.....	19	1	1	2
Psychoses with mental deficiency.....	21	6	2	8
Without psychoses.....	23	7	6	13
Total.....		43*	22*	65
Reads and Writes:				
Alcoholic psychoses.....	5	1	..	1
Psychoses due to drugs or other exogenous poisons.....	6	1	..	1
Psychoses with other disturbances of circulation.....	9	..	1	1
Psychoses with convulsive disorders (epilepsy).....	10	1	..	1
Involuntional psychoses.....	12	..	1	1
Dementia praecox (schizophrenia).....	18	2	..	2
Without psychoses.....	23	2	..	2
Total.....		7*	2*	9*

DEGREE OF EDUCATION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES—Continued
White Race

PSYCHOSES	Code No.	Men	Women	Total
Common School:				
Psychoses with syphilitic meningo encephalitis.....	1	7	3	10
Psychoses with epidemic encephalitis.....	3	1	..	1
Alcoholic psychoses.....	5	18	1	19
Psychoses due to drugs or other exogenous poisons.....	6	3	..	3
Traumatic psychoses.....	7	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	42	26	68
Psychoses with other disturbances of circulation.....	9	7	2	9
Psychoses with convulsive disorders (epilepsy).....	10	7	4	11
Senile psychoses.....	11	11	15	26
Involuntional psychoses.....	12	15	13	28
Psychoses due to other metabolic, etc., diseases.....	13	2	..	2
Psychoses associated with organic changes of the nervous system.....	15	2	2	4
Psychoneuroses.....	16	31	33	64
Manic depressive.....	17	11	10	21
Dementia praecox (schizophrenia).....	18	29	24	53
Parania and paranoid conditions.....	19	2	2	4
Psychoses with mental deficiency.....	21	11	5	16
Undiagnosed psychoses.....	22	3	..	3
Without psychoses.....	23	77	11	88
Primary behavior disorders.....	24	1	1	2
Total.....		281*	152*	433*
High School:				
Psychoses with syphilitic meningo encephalitis.....	1	6	1	7
Alcoholic psychoses.....	5	13	1	14
Psychoses due to drugs or other exogenous poisons.....	6	3	..	3
Traumatic psychoses.....	7	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	9	12	21
Psychoses with other disturbances of circulation.....	9	1	..	1
Psychoses with convulsive disorders (epilepsy).....	10	6	2	8
Senile psychoses.....	11	3	6	9
Involuntional psychoses.....	12	4	10	14
Psychoses due to other metabolic, etc., diseases.....	13	1	..	1
Psychoneuroses.....	16	10	25	35
Manic depressive.....	17	9	17	26
Dementia praecox (schizophrenia).....	18	19	37	56
Paranoia and paranoid conditions.....	19	2	3	5
Psychoses with psychopathic personality.....	20	1	..	1
Undiagnosed psychoses.....	22	..	2	2
Without psychoses.....	23	45	9	54
Primary behavior disorders.....	24	..	1	1
Total.....		133*	126*	259*
College:				
Psychoses with syphilitic meningo encephalitis.....	1	1	..	1
Alcoholic psychoses.....	5	7	..	7
Psychoses due to drugs or other exogenous poisons.....	6	..	1	1
Psychoses with cerebral arteriosclerosis.....	8	5	4	9
Psychoses with convulsive disorders (epilepsy).....	10	1	..	1
Senile psychoses.....	11	3	6	9
Involuntional psychoses.....	12	1	3	4
Psychoses due to new growth.....	14	..	1	1
Psychoneuroses.....	16	1	7	8
Manic depressive.....	17	3	8	11
Dementia praecox (schizophrenia).....	18	4	10	14
Paranoia and paranoid conditions.....	19	2	4	6
Psychoses with psychopathic personality.....	20	1	..	1
Psychoses with mental deficiency.....	21	1	..	1
Undiagnosed psychoses.....	22	1	..	1
Without psychoses.....	23	9	2	11
Total.....		40*	46*	86*

**DEGREE OF EDUCATION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES—Continued**

White Race

PSYCHOSES	Code No.	Men	Women	Total
Unascertained:				
Psychoses with syphilitic meningo encephalitis.....	1	..	1	1
Alcoholic psychoses.....	5	4	..	4
Psychoses due to drugs or other exogenous poisons.....	6	..	1	1
Psychoses with cerebral arteriosclerosis.....	8	8	7	15
Psychoses with other disturbances of circulation.....	9	1	1	2
Senile psychoses.....	11	6	2	8
Involuntional psychoses.....	12	2	4	6
Psychoses due to new growth.....	14	1	1	2
Psychoses associated with organic changes of the nervous system.....	15	1	..	1
Psychoneuroses.....	16	3	6	9
Manic depressive.....	17	1	5	6
Dementia praecox.....	18	10	5	15
Paranoia and paranoid conditions.....	19	1	..	1
Psychoses with mental deficiency.....	21	..	1	1
Undiagnosed psychoses.....	22	1	..	1
Without psychoses.....	23	17	1	18
Primary behavior disorders.....	24	..	1	1
Total.....		56*	36*	92*

**DEGREE OF EDUCATION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES**

Negro Race

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis.....	1	66	19	85
Alcoholic psychoses.....	5	11	1	12
Traumatic psychoses.....	7	1	1	2
Psychoses with cerebral arteriosclerosis.....	8	56	42	98
Psychoses with other disturbances of circulation.....	9	5	2	7
Psychoses with convulsive disorders (epilepsy).....	10	10	9	19
Senile psychoses.....	11	8	19	27
Involuntional psychoses.....	12	..	1	1
Psychoses due to other metabolic, etc., diseases.....	13	..	6	6
Psychoses associated with organic changes of the nervous system.....	15	..	1	1
Psychoneuroses.....	16	1	2	3
Manic depressive.....	17	29	67	96
Dementia praecox (schizophrenia).....	18	55	70	125
Psychoses with mental deficiency.....	21	9	7	16
Undiagnosed psychoses.....	22	1	1	2
Without psychoses.....	23	43	13	56
Primary behavior disorders.....	24	1	1	2
Total.....		296*	262*	558*
Illiterate:				
Psychoses with syphilitic meningo encephalitis.....	1	19	6	25
Alcoholic psychoses.....	5	2	..	2
Traumatic psychoses.....	7	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	23	8	31
Psychoses with other disturbances of circulation.....	9	3	1	4
Psychoses with convulsive disorders (epilepsy).....	10	1	3	4
Senile psychoses.....	11	4	10	14
Involuntional psychoses.....	12	..	1	1
Psychoses due to other metabolic, etc., diseases.....	13	..	2	2
Manic depressive.....	17	3	9	12
Dementia praecox (schizophrenia).....	18	12	10	22
Psychoses with mental deficiency.....	21	4	5	9
Without psychoses.....	23	10	7	17
Total.....		82*	62*	144*
Reads and Writes:				
Psychoses with cerebral arteriosclerosis.....	8	..	1	1
Dementia praecox (schizophrenia).....	18	..	1	1
Total.....		*	2*	2*
Common School:				
Psychoses with syphilitic meningo encephalitis.....	1	31	7	38
Alcoholic psychoses.....	5	5	1	6
Traumatic psychoses.....	7	..	1	1
Psychoses with cerebral arteriosclerosis.....	8	23	27	50
Psychoses with other disturbances of circulation.....	9	1	1	2
Psychoses with convulsive disorders (epilepsy).....	10	8	2	10
Senile psychoses.....	11	2	5	7
Psychoses due to other metabolic, etc., diseases.....	13	..	3	3
Psychoses associated with organic changes of the nervous system.....	15	..	1	1
Psychoneuroses.....	16	..	1	1
Manic depressive.....	17	12	35	47
Dementia praecox (schizophrenia).....	18	32	37	69
Psychoses with mental deficiency.....	21	1	2	3
Undiagnosed psychoses.....	22	1	..	1
Without psychoses.....	23	19	5	24
Primary behavior disorders.....	24	1	1	2
Total.....		136*	129*	265*

**DEGREE OF EDUCATION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES—Continued**

Negro Race

PSYCHOSES	Code No.	Men	Women	Total
High School:				
Psychoses with syphilitic meningo encephalitis.....	1	..	2	2
Alcoholic psychoses.....	5	2	..	2
Psychoses with cerebral arteriosclerosis.....	8	4	2	6
Psychoses with convulsive disorders (epilepsy).....	10	..	3	3
Psychoses due to other metabolic, etc., diseases.....	13	..	1	1
Psychoneuroses.....	16	1	1	2
Manic depressive.....	17	4	13	17
Dementia praecox (schizophrenia).....	18	2	12	14
Undiagnosed psychoses.....	22	..	1	1
Without psychoses.....	23	3	1	4
Total.....		16*	36*	52*
College:				
Psychoses with syphilitic meningo encephalitis.....	1	..	1	1
Senile psychoses.....	11	..	1	1
Manic depressive.....	17	1	4	5
Dementia praecox (schizophrenia).....	18	1	6	7
Total.....		2*	12*	14*
Unascertained:				
Psychoses with syphilitic meningo encephalitis.....	1	16	3	19
Alcoholic psychoses.....	5	2	..	2
Psychoses with cerebral arteriosclerosis.....	8	6	4	10
Psychoses with other disturbances of circulation.....	9	1	..	1
Psychoses with convulsive disorders (epilepsy).....	10	1	1	2
Senile psychoses.....	11	2	3	5
Psychoneuroses.....	17	9	6	15
Dementia praecox (schizophrenia).....	18	8	4	12
Psychoses with mental deficiency.....	21	4	..	4
Without psychoses.....	23	11	..	11
Total.....		60*	21*	81*

ENVIRONMENT OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES

White Race

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis.....	1	17	5	22
Psychoses with epidemic encephalitis.....	3	1	1	2
Alcoholic psychoses.....	5	44	2	46
Psychoses due to drugs or other exogenous poisons.....	6	7	2	9
Traumatic psychoses.....	7	2	..	2
Psychoses with cerebral arteriosclerosis.....	8	70	54	124
Psychoses with other disturbances of circulation.....	9	10	4	14
Psychoses with convulsive disorders (epilepsy).....	10	17	7	24
Senile psychoses.....	11	29	30	59
Involuntional psychoses.....	12	24	32	56
Psychoses due to other metabolic, etc., diseases.....	13	3	..	3
Psychoses due to new growth.....	14	1	2	3
Psychoses associated with organic changes of the nervous system.....	15	3	2	5
Psychoneuroses.....	16	47	73	120
Manic depressive.....	17	26	41	67
Dementia praecox (schizophrenia).....	18	68	77	145
Paranoia and paranoid conditions.....	19	8	10	18
Psychoses with psychopathic personality.....	20	2	..	2
Psychoses with mental deficiency.....	21	18	8	26
Undiagnosed psychoses.....	22	5	2	7
Without psychoses.....	23	157	29	186
Primary behavior disorders.....	24	1	3	4
Total.....		560*	384*	944*
Urban:				
Psychoses with syphilitic meningo encephalitis.....	1	8	4	12
Psychoses with epidemic encephalitis.....	3	1	..	1
Alcoholic psychoses.....	5	27	2	29
Psychoses due to drugs or other exogenous poisons.....	6	4	2	6
Traumatic psychoses.....	7	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	33	29	62
Psychoses with other disturbances of circulation.....	9	6	..	6
Psychoses with convulsive disorders (epilepsy).....	10	8	4	12
Senile psychoses.....	11	7	19	26
Involuntional psychoses.....	12	10	20	30
Psychoses due to other metabolic, etc., diseases.....	13	1	..	1
Psychoses due to new growth.....	14	1	1	2
Psychoses associated with organic changes of the nervous system.....	15	..	1	1
Psychoneuroses.....	16	24	39	63
Manic depressive.....	17	13	21	34
Dementia praecox (schizophrenia).....	18	29	35	64
Paranoia and paranoid conditions.....	19	5	6	11
Psychoses with psychopathic personality.....	20	1	..	1
Psychoses with mental deficiency.....	21	1	2	3
Undiagnosed psychoses.....	22	4	2	6
Without psychoses.....	23	80	13	93
Primary behavior disorders.....	24	1	3	4
Total.....		265*	203*	468*

**ENVIRONMENT OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES—Continued**

White Race

PSYCHOSES	Code No.	Men	Women	Total
Rural:				
Psychoses with syphilitic meningo encephalitis.....	1	8	1	9
Psychoses with epidemic encephalitis.....	3	..	1	1
Alcoholic psychoses.....	5	14	..	14
Psychoses due to drugs or other exogenous poisons.....	6	3	..	3
Traumatic psychoses.....	7	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	36	23	59
Psychoses with other disturbances of circulation.....	9	4	3	7
Psychoses with convulsive disorders (epilepsy).....	10	8	3	11
Senile psychoses.....	11	21	11	32
Involuntional psychoses.....	12	14	10	24
Psychoses due to other metabolic, etc., diseases.....	13	2	..	2
Psychoses due to new growth.....	14	..	1	1
Psychoses associated with organic changes of the nervous system.....	15	2	1	3
Psychoneuroses.....	16	23	30	53
Manic depressive.....	17	12	20	32
Dementia praecox (schizophrenia).....	18	38	40	78
Paranoia and paranoid conditions.....	19	3	4	7
Psychoses with psychopathic personality.....	20	1	..	1
Psychoses with mental deficiency.....	21	16	6	22
Undiagnosed psychoses.....	22	1	..	1
Without psychoses.....	23	73	13	86
TOTAL.....		280*	167*	447*
Unascertained:				
Psychoses with syphilitic meningo encephalitis.....	1	1	..	1
Alcoholic psychoses.....	5	3	..	3
Psychoses with cerebral arteriosclerosis.....	8	1	2	3
Psychoses with other disturbances of circulation.....	9	..	1	1
Psychoses with convulsive disorders (epilepsy).....	10	1	..	1
Senile psychoses.....	11	1	..	1
Involuntional psychoses.....	12	..	2	2
Psychoses associated with organic changes of the nervous system.....	15	1	..	1
Psychoneuroses.....	16	..	4	4
Manic depressive.....	17	1	..	1
Dementia praecox (schizophrenia).....	18	1	2	3
Psychoses with mental deficiency.....	21	1	..	1
Without psychoses.....	23	4	3	7
TOTAL.....		15*	14*	29*

**ENVIRONMENT OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES**

Negro Race

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis.....	1	66	19	85
Alcoholic psychoses.....	5	11	1	12
Traumatic psychoses.....	7	1	1	2
Psychoses with cerebral arteriosclerosis.....	8	56	42	98
Psychoses with other disturbances of circulation.....	9	5	2	7
Psychoses with convulsive disorders (epilepsy).....	10	10	9	19
Senile psychoses.....	11	8	19	27
Involuntional psychoses.....	12	..	1	1
Psychoses due to other metabolic, etc., diseases.....	13	..	6	6
Psychoses associated with organic changes of the nervous system.....	15	..	1	1
Psychoneuroses.....	16	1	2	3
Manic depressive.....	17	29	67	96
Dementia praecox (schizophrenia).....	18	55	70	125
Psychoses with mental deficiency.....	21	9	7	16
Undiagnosed psychoses.....	22	1	1	2
Without psychoses.....	23	43	13	56
Primary behavior disorders.....	24	1	1	2
Total.....		296*	262*	558*
Urban:				
Psychoses with syphilitic meningo encephalitis.....	1	..	13	13
Psychoses with cerebral arteriosclerosis.....	8	1	31	32
Psychoses with other disturbances of circulation.....	9	..	2	2
Psychoses with convulsive disorders (epilepsy).....	10	..	8	8
Senile psychoses.....	11	..	13	13
Involuntional psychoses.....	12	..	1	1
Psychoses due to other metabolic, etc., diseases.....	13	..	5	5
Manic depressive.....	17	..	28	28
Dementia praecox (schizophrenia).....	18	..	37	37
Psychoses with mental deficiency.....	21	..	2	2
Without psychoses.....	23	..	7	7
Primary behavior disorders.....	24	..	1	1
Total.....		1*	148*	149*
Rural:				
Psychoses with syphilitic meningo encephalitis.....	1	..	6	6
Alcoholic psychoses.....	5	..	1	1
Traumatic psychoses.....	7	..	1	1
Psychoses with cerebral arteriosclerosis.....	8	..	10	10
Psychoses with convulsive disorders (epilepsy).....	10	..	1	1
Senile psychoses.....	11	..	5	5
Psychoses due to other metabolic, etc., diseases.....	13	..	1	1
Psychoses associated with organic changes of the nervous system.....	15	..	1	1
Psychoneuroses.....	16	..	2	2
Manic depressive.....	17	..	36	36
Dementia praecox (schizophrenia).....	18	1	32	33
Psychoses with mental deficiency.....	21	..	5	5
Undiagnosed psychoses.....	22	..	1	1
Without psychoses.....	23	..	6	6
Total.....		1*	108*	109*

ENVIRONMENT OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES—Continued

Negro Race

PSYCHOSES	Code No.	Men	Women	Total
Unascertained:				
Psychoses with syphilitic meningo encephalitis.....	1	66	..	66
Alcoholic psychoses.....	5	11	..	11
Traumatic psychoses.....	7	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	55	1	56
Psychoses with other disturbances of circulation.....	9	5	..	5
Psychoses with convulsive disorders (epilepsy).....	10	10	..	10
Senile psychoses.....	11	8	1	9
Psychoneuroses.....	16	1	..	1
Manic depressive.....	17	29	3	32
Dementia praecox (schizophrenia).....	18	54	1	55
Psychoses with mental deficiency.....	21	9	..	9
Undiagnosed psychoses.....	22	1	..	1
Without psychoses.....	23	43	..	43
Primary behavior disorders.....	24	1	..	1
Total.....		294*	6*	300*

**ECONOMIC CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES
White Race**

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis.....	1	17	5	22
Psychoses with epidemic encephalitis.....	3	1	1	2
Alcoholic psychoses.....	5	44	2	46
Psychoses due to drugs or other exogenous poisons.....	6	7	2	9
Traumatic psychoses.....	7	2	..	2
Psychoses with cerebral arteriosclerosis.....	8	70	54	124
Psychoses with other disturbances of circulation.....	9	10	4	14
Psychoses with convulsive disorders (epilepsy).....	10	17	7	24
Senile psychoses.....	11	29	30	59
Involuntional psychoses.....	12	24	32	56
Psychoses due to other metabolic, etc., diseases.....	13	3	..	3
Psychoses due to new growth.....	14	1	2	3
Psychoses associated with organic changes of the nervous system.....	15	3	2	5
Psychoneuroses.....	16	47	73	120
Manic depressive.....	17	26	41	67
Dementia praecox (schizophrenia).....	18	68	77	145
Paranoia and paranoid conditions.....	19	8	10	18
Psychoses with psychopathic personality.....	20	2	..	2
Psychoses with mental deficiency.....	21	18	8	26
Undiagnosed psychoses.....	22	5	2	7
Without psychoses.....	23	157	29	186
Primary behavior disorders.....	24	1	3	4
Total.....		560*	384*	944*
Dependent:				
Traumatic psychoses.....	7	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	2	7	9
Psychoses with convulsive disorders (epilepsy).....	10	..	1	1
Senile psychoses.....	11	1	9	10
Involuntional psychoses.....	12	..	1	1
Psychoses due to new growth.....	14	..	1	1
Psychoneuroses.....	16	..	1	1
Manic depressive.....	17	1	2	3
Dementia praecox (schizophrenia).....	18	1	13	14
Paranoia and paranoid conditions.....	19	..	1	1
Psychoses with mental deficiency.....	21	1	3	4
Without psychoses.....	23	4	1	5
Primary behavior disorders.....	24	..	1	1
Total.....		11*	41*	52*
Marginal:				
Psychoses with syphilitic meningo encephalitis.....	1	17	5	22
Psychoses with epidemic encephalitis.....	3	1	1	2
Alcoholic psychoses.....	5	42	2	44
Psychoses due to drugs or other exogenous poisons.....	6	7	2	9
Traumatic psychoses.....	7	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	66	44	110
Psychoses with other disturbances of circulation.....	9	9	4	13
Psychoses with convulsive disorders (epilepsy).....	10	17	6	23
Senile psychoses.....	11	27	20	47
Involuntional psychoses.....	12	23	28	51
Psychoses due to other metabolic, etc., diseases.....	13	3	..	3
Psychoses due to new growth.....	14	1	1	2
Psychoses associated with organic changes of the nervous system.....	15	3	2	5
Psychoneuroses.....	16	47	70	117
Manic depressive.....	17	24	39	63
Dementia praecox (schizophrenia).....	18	67	63	130
Paranoia and paranoid conditions.....	19	8	9	17
Psychoses with psychopathic personality.....	20	2	..	2
Psychoses with mental deficiency.....	21	16	5	21
Undiagnosed psychoses.....	22	5	2	7
Without psychoses.....	23	149	26	175
Primary behavior disorders.....	24	1	2	3
Total.....		536*	331*	867*

**ECONOMIC CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES—Continued**

White Race

PSYCHOSES	Code No.	Men	Women	Total
Unascertained:				
Alcoholic psychoses.....	5	2	..	2
Psychoses with cerebral arteriosclerosis.....	8	2	3	5
Psychoses with other disturbances of circulation.....	9	1	..	1
Senile psychoses.....	11	1	1	2
Involuntary psychoses.....	12	1	3	4
Psychoneuroses.....	16	..	2	2
Manic depressive.....	17	1	..	1
Dementia praecox (schizophrenia).....	18	..	1	1
Psychoses with mental deficiency.....	21	1	..	1
Without psychoses.....	23	4	2	6
Total.....		13*	12*	25*

**ECONOMIC CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES**

Negro Race

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis.....	1	66	19	85
Alcoholic psychoses.....	5	11	1	12
Traumatic psychoses.....	7	1	1	2
Psychoses with cerebral arteriosclerosis.....	8	56	42	98
Psychoses with other disturbances of circulation.....	9	5	2	7
Psychoses with convulsive disorders (epilepsy).....	10	10	9	19
Senile psychoses.....	11	8	19	27
Involuntional psychoses.....	12	..	1	1
Psychoses due to other metabolic, etc., diseases.....	13	..	6	6
Psychoses associated with organic changes of the nervous system.....	15	..	1	1
Psychoneuroses.....	16	1	2	3
Manic depressive.....	17	29	67	96
Dementia praecox (schizophrenia).....	18	55	70	125
Psychoses with mental deficiency.....	21	9	7	16
Undiagnosed psychoses.....	22	1	1	2
Without psychoses.....	23	43	13	56
Primary behavior disorders.....	24	1	1	2
Total.....		296*	262*	558*
Dependent:				
Without psychoses.....	23	..	1	1
Total.....		*	1*	1*
Marginal:				
Psychoses with syphilitic meningo encephalitis.....	1	..	19	19
Alcoholic psychoses.....	5	..	1	1
Traumatic psychoses.....	7	..	1	1
Psychoses with cerebral arteriosclerosis.....	8	..	41	41
Psychoses with other disturbances of circulation.....	9	..	2	2
Psychoses with convulsive disorders (epilepsy).....	10	..	9	9
Senile psychoses.....	11	..	18	18
Involuntional psychoses.....	12	..	1	1
Psychoses due to other metabolic, etc., diseases.....	13	..	6	6
Psychoses associated with organic changes of the nervous system.....	15	..	1	1
Psychoneuroses.....	16	..	2	2
Manic depressive.....	17	..	63	63
Dementia praecox (schizophrenia).....	18	1	68	69
Psychoses with mental deficiency.....	21	..	7	7
Undiagnosed psychoses.....	22	..	1	1
Without psychoses.....	23	..	12	12
Primary behavior disorders.....	24	..	1	1
Total.....		1*	253*	254*
Unascertained:				
Psychoses with syphilitic meningo encephalitis.....	1	66	..	66
Alcoholic psychoses.....	5	11	..	11
Traumatic psychoses.....	7	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	56	1	57
Psychoses with other disturbances of circulation.....	9	5	..	5
Psychoses with convulsive disorders (epilepsy).....	10	10	..	10
Senile psychoses.....	11	8	1	9
Psychoneuroses.....	16	1	..	1
Manic depressive.....	17	29	4	33
Dementia praecox (schizophrenia).....	18	54	2	56
Psychoses with mental deficiency.....	21	9	..	9
Undiagnosed psychoses.....	22	1	..	1
Without psychoses.....	23	43	..	43
Primary behavior disorders.....	24	1	..	1
Total.....		295*	8*	303*

USE OF ALCOHOL BY FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES
White Race

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis.....	1	17	5	22
Psychoses with epidemic encephalitis.....	3	1	1	2
Alcoholic psychoses.....	5	44	2	46
Psychoses due to drugs or other exogenous poisons.....	6	7	2	9
Traumatic psychoses.....	7	2	..	2
Psychoses with cerebral arteriosclerosis.....	8	70	54	124
Psychoses with other disturbances of circulation.....	9	10	4	14
Psychoses with convulsive disorders (epilepsy).....	10	17	7	24
Senile psychoses.....	11	29	30	59
Involuntional psychoses.....	12	24	32	56
Psychoses due to other metabolic, etc., diseases.....	13	3	..	3
Psychoses due to new growth.....	14	1	2	3
Psychoses associated with organic changes of the nervous system.....	15	3	2	5
Psychoneuroses.....	16	47	73	120
Manic depressive.....	17	26	41	67
Dementia praecox (schizophrenia).....	18	68	77	145
Paranoia and paranoid conditions.....	19	8	10	18
Psychoses with psychopathic personality.....	20	2	..	2
Psychoses with mental deficiency.....	21	18	8	26
Undiagnosed psychoses.....	22	5	2	7
Without psychoses.....	23	157	29	186
Primary behavior disorders.....	24	1	3	4
Total.....		560*	384*	944*
Abstinent:				
Psychoses with syphilitic meningo encephalitis.....	1	8	4	12
Psychoses with epidemic encephalitis.....	3	..	1	1
Psychoses due to drugs or other exogenous poisons.....	6	5	..	5
Traumatic psychoses.....	7	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	47	46	93
Psychoses with other disturbances of circulation.....	9	5	1	6
Psychoses with convulsive disorders (epilepsy).....	10	10	5	15
Senile psychoses.....	11	17	27	44
Involuntional psychoses.....	12	19	28	47
Psychoses due to new growth.....	14	1	2	3
Psychoses associated with organic changes of the nervous system.....	15	1	2	3
Psychoneuroses.....	16	22	47	69
Manic depressive.....	17	14	32	46
Dementia praecox (schizophrenia).....	18	48	64	112
Paranoia and paranoid conditions.....	19	3	8	11
Psychoses with psychopathic personality.....	20	1	..	1
Psychoses with mental deficiency.....	21	11	6	17
Undiagnosed.....	22	1	..	1
Without psychoses.....	23	28	10	38
Primary behavior disorders.....	24	..	1	1
Total.....		242*	284*	526*
Temperate:				
Psychoses with syphilitic meningo encephalitis.....	1	3	..	3
Psychoses with epidemic encephalitis.....	3	1	..	1
Alcoholic psychoses.....	5	3	..	3
Psychoses due to drugs or other exogenous poisons.....	6	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	6	1	7
Psychoses with other disturbances of circulation.....	9	2	..	2
Psychoses with convulsive disorders (epilepsy).....	10	2	..	2
Senile psychoses.....	11	4	..	4
Involuntional psychoses.....	12	1	1	2
Psychoneuroses.....	16	12	3	15
Manic depressive.....	17	7	1	8
Dementia praecox (schizophrenia).....	18	7	1	8
Paranoia and paranoid conditions.....	19	..	1	1
Psychoses with mental deficiency.....	21	5	..	5
Undiagnosed psychoses.....	22	2	..	2
Without psychoses.....	23	26	4	30
Primary behavior disorders.....	24	..	1	1
Total.....		82*	13*	95*

USE OF ALCOHOL BY FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES—Continued

White Race

PSYCHOSES	Code No.	Men	Women	Total
Intemperate:				
Psychoses with syphilitic meningo encephalitis.....	1	4	1	5
Alcoholic psychoses.....	5	40	2	42
Psychoses due to drugs or other exogenous poisons.....	6	..	2	2
Psychoses with cerebral arteriosclerosis.....	8	8	...	8
Psychoses with other disturbances of circulation.....	9	1	...	1
Psychoses with convulsive disorders (epilepsy).....	10	3	...	3
Senile psychoses.....	11	1	...	1
Involuntional psychoses.....	12	1	1	2
Psychoses due to other metabolic, etc., diseases.....	13	1	...	1
Psychoses associated with organic changes of the nervous system.....	15	1	...	1
Psychoneuroses.....	16	8	3	11
Manic depressive.....	17	3	1	4
Dementia praecox (schizophrenia).....	18	4	...	4
Paranoia and paranoid conditions.....	19	2	...	2
Psychoses with psychopathic personality.....	20	1	...	1
Psychoses with mental deficiency.....	21	1	1	2
Undiagnosed psychoses.....	22	1	1	2
Without psychoses.....	23	89	10	99
Total.....		169*	22*	191*
Unascertained:				
Psychoses with syphilitic meningo encephalitis.....	1	2	...	2
Alcoholic psychoses.....	5	1	...	1
Psychoses due to drugs or other exogenous poisons.....	6	1	...	1
Traumatic psychoses.....	7	1	...	1
Psychoses with cerebral arteriosclerosis.....	8	9	7	16
Psychoses with other disturbances of circulation.....	9	2	3	5
Psychoses with convulsive disorders (epilepsy).....	10	2	2	4
Senile psychoses.....	11	7	3	10
Involuntional psychoses.....	12	3	2	5
Psychoses due to other metabolic, etc., diseases.....	13	2	...	2
Psychoses associated with organic changes of the nervous system.....	15	1	...	1
Psychoneuroses.....	16	5	20	25
Manic depressive.....	17	2	7	9
Dementia praecox (schizophrenia).....	18	9	12	21
Paranoia and paranoid conditions.....	19	3	1	4
Psychoses with mental deficiency.....	21	1	1	2
Undiagnosed psychoses.....	22	1	1	2
Without psychoses.....	23	14	5	19
Primary behavior disorders.....	24	1	1	2
Total.....		67*	65*	132*

USE OF ALCOHOL BY FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES

Negro Race

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis.....	1	66	19	85
Alcoholic psychoses.....	5	11	1	12
Traumatic psychoses.....	7	1	1	2
Psychoses with cerebral arteriosclerosis.....	8	56	42	98
Psychoses with other disturbances of circulation.....	9	5	2	7
Psychoses with convulsive disorders (epilepsy).....	10	10	9	19
Senile psychoses.....	11	8	19	27
Involuntional psychoses.....	12	..	1	1
Psychoses due to other metabolic, etc., diseases.....	13	..	6	6
Psychoses associated with organic changes of the nervous system.....	15	..	1	1
Psychoneuroses	16	1	2	3
Manic depressive.....	17	29	67	96
Dementia praecox (schizophrenia).....	18	55	70	125
Psychoses with mental deficiency.....	21	9	7	16
Undiagnosed psychoses.....	22	1	1	2
Without psychoses.....	23	43	13	56
Primary behavior disorders.....	24	1	1	2
Total.....		296*	262*	558*
Abstinent:				
Psychoses with syphilitic meningo encephalitis.....	1	32	18	50
Traumatic psychoses.....	7	..	1	1
Psychoses with cerebral arteriosclerosis.....	8	36	38	74
Psychoses with other disturbances of circulation.....	9	2	2	4
Psychoses with convulsive disorders (epilepsy).....	10	4	8	12
Senile psychoses.....	11	6	18	24
Involuntional psychoses.....	12	..	1	1
Psychoses due to other metabolic, etc., diseases.....	13	..	5	5
Psychoses associated with organic changes of the nervous system.....	15	..	1	1
Psychoneuroses	16	1	2	3
Manic depressive.....	17	16	64	80
Dementia praecox (schizophrenia).....	18	29	65	94
Psychoses with mental deficiency.....	21	7	6	13
Undiagnosed psychoses.....	22	..	1	1
Without psychoses.....	23	24	12	36
Primary behavior disorders.....	24	1	1	2
Total.....		158*	243*	401*
Temperate:				
Psychoses with syphilitic meningo encephalitis.....	1	18	1	19
Alcoholic psychoses.....	5	4	..	4
Traumatic psychoses.....	7	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	9	1	10
Psychoses with other disturbances of circulation.....	9	2	..	2
Psychoses with convulsive disorders (epilepsy).....	10	4	..	4
Senile psychoses.....	11	1	1	2
Manic depressive.....	17	7	2	9
Dementia praecox (schizophrenia).....	18	17	4	21
Psychoses with mental deficiency.....	21	1	1	2
Undiagnosed psychoses.....	22	1	..	1
Without psychoses.....	23	12	1	13
Total.....		77*	11*	88*

USE OF ALCOHOL BY FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES—Continued

Negro Race

PSYCHOSES	Code No.	Men	Women	Total
Intemperate:				
Psychoses with syphilitic meningo encephalitis.....	1	8	...	8
Alcoholic psychoses.....	5	7	1	8
Psychoses with cerebral arteriosclerosis.....	8	5	2	7
Psychoses with other disturbances of circulation.....	9	1	...	1
Psychoses with convulsive disorders (epilepsy).....	10	1	...	1
Manic depressive.....	17	2	...	2
Dementia praecox (schizophrenia).....	18	3	...	3
Without psychoses.....	23	4	...	4
Total.....		31*	3*	34*
Unascertained:				
Psychoses with syphilitic meningo encephalitis.....	1	8	...	8
Psychoses with cerebral arteriosclerosis.....	8	6	1	7
Psychoses with convulsive disorders (epilepsy).....	10	1	1	2
Senile psychoses.....	11	1	...	1
Psychoses due to other metabolic, etc., diseases.....	13	...	1	1
Manic depressive.....	17	4	1	5
Dementia praecox (schizophrenia).....	18	6	1	7
Psychoses with mental deficiency.....	21	1	...	1
Without psychoses.....	23	3	...	3
Total.....		30*	5*	35*

**MARITAL CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES
White Race**

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis.....	1	17	5	22
Psychoses with epidemic encephalitis.....	3	1	1	2
Alcoholic psychoses.....	5	44	2	46
Psychoses due to drugs or other exogenous poisons.....	6	7	2	9
Traumatic psychoses.....	7	2	...	2
Psychoses with cerebral arteriosclerosis.....	8	70	54	124
Psychoses with other disturbances of circulation.....	9	10	4	14
Psychoses with convulsive disorders (epilepsy).....	10	17	7	24
Senile psychoses.....	11	29	30	59
Involuntional psychoses.....	12	24	32	56
Psychoses due to other metabolic, etc., diseases.....	13	3	...	3
Psychoses due to new growth.....	14	1	2	3
Psychoses associated with organic changes of the nervous system.....	15	3	2	5
Psychoneuroses.....	16	47	73	120
Manic depressive.....	17	26	41	67
Dementia praecox (schizophrenia).....	18	68	77	145
Paranoia and paranoid conditions.....	19	8	10	18
Psychoses with psychopathic personality.....	20	2	...	2
Psychoses with mental deficiency.....	21	18	8	26
Undiagnosed psychoses.....	22	5	2	7
Without psychoses.....	23	157	29	186
Primary behavior disorders.....	24	1	3	4
Total.....		560*	384*	944*
Single:				
Psychoses with syphilitic meningo encephalitis.....	1	5	...	5
Psychoses with epidemic encephalitis.....	3	1	1	2
Alcoholic psychoses.....	5	9	...	9
Traumatic psychoses.....	7	1	...	1
Psychoses with cerebral arteriosclerosis.....	8	8	3	11
Psychoses with convulsive disorders (epilepsy).....	10	8	1	9
Senile psychoses.....	11	1	3	4
Involuntional psychoses.....	12	1	3	4
Psychoses due to other metabolic, etc., diseases.....	13	1	...	1
Psychoses due to new growth.....	14	...	1	1
Psychoneuroses.....	16	13	5	18
Manic depressive.....	17	4	5	9
Dementia praecox (schizophrenia).....	18	37	34	71
Paranoia and paranoid conditions.....	19	...	3	3
Psychoses with psychopathic personality.....	20	1	...	1
Psychoses with mental deficiency.....	21	12	4	16
Undiagnosed psychoses.....	22	1	...	1
Without psychoses.....	23	32	8	40
Primary behavior disorders.....	24	1	3	4
Total.....		136*	74*	210*
Married:				
Psychoses with syphilitic meningo encephalitis.....	1	11	5	16
Alcoholic psychoses.....	5	24	2	26
Psychoses due to drugs or other exogenous poisons.....	6	4	2	6
Traumatic psychoses.....	7	1	...	1
Psychoses with cerebral arteriosclerosis.....	8	42	21	63
Psychoses with other disturbances of circulation.....	9	6	2	8
Psychoses with convulsive disorders (epilepsy).....	10	5	3	8
Senile psychoses.....	11	17	8	25
Involuntional psychoses.....	12	19	19	38
Psychoses due to other metabolic, etc., diseases.....	13	2	...	2
Psychoses due to new growth.....	14	1	1	2
Psychoses associated with organic changes of the nervous system.....	15	1	2	3
Psychoneuroses.....	16	29	56	85
Manic depressive.....	17	21	31	52
Dementia praecox (schizophrenia).....	18	21	30	51
Paranoia and paranoid conditions.....	19	6	6	12
Psychoses with mental deficiency.....	21	4	4	8
Undiagnosed psychoses.....	22	3	1	4
Without psychoses.....	23	83	15	98
Total.....		300*	208*	508*

**MARITAL CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES—Continued**

White Race

PSYCHOSES	Code No.	Men	Women	Total
Widowed:				
Psychoses with cerebral arteriosclerosis.....	8	11	24	35
Psychoses with other disturbances of circulation.....	9	3	2	5
Psychoses with convulsive disorders (epilepsy).....	10	..	1	1
Senile psychoses.....	11	10	19	29
Involuntional psychoses.....	12	1	4	5
Psychoneuroses.....	16	..	3	3
Manic depressive.....	17	..	2	2
Dementia praecox (schizophrenia).....	18	2	2	4
Undiagnosed psychoses.....	22	1	..	1
Without psychoses.....	23	6	3	9
Total.....		34*	60*	94*
Separated:				
Alcoholic psychoses.....	5	2	..	2
Psychoses due to drugs or other exogenous poisons.....	6	2	..	2
Psychoses with cerebral arteriosclerosis.....	8	2	1	3
Psychoses with convulsive disorders (epilepsy).....	10	2	..	2
Involuntional psychoses.....	12	..	1	1
Psychoneuroses.....	16	1	3	4
Manic depressive.....	17	1	..	1
Dementia praecox (schizophrenia).....	18	3	2	5
Psychoses with mental deficiency.....	21	1	..	1
Without psychoses.....	23	11	2	13
Total.....		25*	9*	34*
Divorced:				
Psychoses with syphilitic meningo encephalitis.....	1	1	..	1
Alcoholic psychoses.....	5	8	..	8
Psychoses due to drugs or other exogenous poisons.....	6	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	4	3	7
Psychoses with other disturbances of circulation.....	9	1	..	1
Psychoses with convulsive disorders (epilepsy).....	10	1	2	3
Senile psychoses.....	11	1	..	1
Involuntional psychoses.....	12	2	5	7
Psychoses associated with organic changes of the nervous system.....	15	1	..	1
Psychoneuroses.....	16	4	5	9
Manic depressive.....	17	..	3	3
Dementia praecox (schizophrenia).....	18	4	7	11
Paranoia and paranoid conditions.....	19	2	1	3
Psychoses with psychopathic personality.....	20	1	..	1
Psychoses with mental deficiency.....	21	1	..	1
Undiagnosed psychoses.....	22	..	1	1
Without psychoses.....	23	20	1	21
Total.....		52*	28*	80
Unascertained:				
Alcoholic psychoses.....	5	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	3	2	5
Psychoses with convulsive disorders (epilepsy).....	10	1	..	1
Involuntional psychoses.....	12	1	..	1
Psychoses associated with organic changes of the nervous system.....	15	1	..	1
Psychoneuroses.....	16	..	1	1
Dementia praecox (schizophrenia).....	18	1	2	3
Without psychoses.....	23	5	..	5
Total.....		13*	5*	18*

**MARITAL CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES
Negro Race**

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis.....	1	66	19	85
Alcoholic psychoses.....	5	11	1	12
Traumatic psychoses.....	7	1	1	2
Psychoses with cerebral arteriosclerosis.....	8	56	42	98
Psychoses with other disturbances of circulation.....	9	5	2	7
Psychoses with convulsive disorders (epilepsy).....	10	10	9	19
Senile psychoses.....	11	8	19	27
Involuntional psychoses.....	12	..	1	1
Psychoses due to other metabolic, etc., diseases.....	13	..	6	6
Psychoses associated with organic changes of the nervous system.....	15	..	1	1
Psychoneuroses.....	16	1	2	3
Manic depressive.....	17	29	67	96
Dementia praecox (schizophrenia).....	18	55	70	125
Psychoses with mental deficiency.....	21	9	7	16
Undiagnosed psychoses.....	22	1	1	2
Without psychoses.....	23	43	13	56
Primary behavior disorders.....	24	1	1	2
Total.....		296*	262*	558*
Single:				
Psychoses with syphilitic meningo encephalitis.....	1	10	3	13
Alcoholic psychoses.....	5	2	..	2
Traumatic psychoses.....	7	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	5	5	10
Psychoses with other disturbances of circulation.....	9	1	..	1
Psychoses with convulsive disorders (epilepsy).....	10	3	5	8
Senile psychoses.....	11	..	1	1
Psychoses due to other metabolic, etc., diseases.....	13	..	1	1
Manic depressive.....	17	7	22	29
Dementia praecox (schizophrenia).....	18	27	26	53
Psychoses with mental deficiency.....	21	9	3	12
Undiagnosed psychoses.....	22	1	..	1
Without psychoses.....	23	28	11	39
Primary behavior disorders.....	24	1	1	2
Total.....		95*	78*	173*
Married:				
Psychoses with syphilitic meningo encephalitis.....	1	38	10	48
Alcoholic psychoses.....	5	6	1	7
Traumatic psychoses.....	7	..	1	1
Psychoses with cerebral arteriosclerosis.....	8	29	21	50
Psychoses with other disturbances of circulation.....	9	3	1	4
Psychoses with convulsive disorders (epilepsy).....	10	5	3	8
Senile psychoses.....	11	5	3	8
Involuntional psychoses.....	12	..	1	1
Psychoses due to other metabolic, etc., diseases.....	13	..	3	3
Psychoneuroses.....	16	1	..	1
Manic depressive.....	17	17	33	50
Dementia praecox (schizophrenia).....	18	19	21	40
Psychoses with mental deficiency.....	21	..	2	2
Without psychoses.....	23	6	1	7
Total.....		129*	101*	230*
Widowed:				
Psychoses with syphilitic meningo encephalitis.....	1	8	1	9
Alcoholic psychoses.....	5	1	..	1
Psychoses with cerebral arteriosclerosis.....	8	8	12	20
Psychoses with other disturbances of circulation.....	9	..	1	1
Senile psychoses.....	11	2	13	15
Manic depressive.....	17	2	3	5
Dementia praecox (schizophrenia).....	18	..	6	6
Psychoses with mental deficiency.....	21	..	1	1
Without psychoses.....	23	1	..	1
Total.....		22*	37*	59*

**MARITAL CONDITION OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES—Continued**

Negro Race

PSYCHOSES	Code No.	Men	Women	Total
Divorced:				
Psychoses with syphilitic meningo encephalitis.....	1	2	...	2
Psychoses with cerebral arteriosclerosis.....	8	2	...	2
Senile psychoses.....	11	..	1	1
Dementia praecox (schizophrenia).....	18	1	1	2
Without psychoses.....	23	2	...	2
Total.....		7*	2*	9*
Separated:				
Psychoses with syphilitic meningo encephalitis.....	1	7	5	12
Alcoholic psychoses.....	5	1	...	1
Psychoses with cerebral arteriosclerosis.....	8	9	3	12
Psychoses with other disturbances of circulation.....	9	1	...	1
Psychoses with convulsive disorders (epilepsy).....	10	1	1	2
Senile psychoses.....	11	..	1	1
Psychoses due to other metabolic, etc., diseases.....	13	..	1	1
Psychoneuroses.....	16	..	2	2
Manic depressive.....	17	2	9	11
Dementia praecox (schizophrenia).....	18	7	16	23
Psychoses with mental deficiency.....	21	..	1	1
Without psychoses.....	23	3	1	4
Total.....		31*	40*	71*
Unascertained:				
Psychoses with syphilitic meningo encephalitis.....	1	1	...	1
Alcoholic psychoses.....	5	1	...	1
Psychoses with cerebral arteriosclerosis.....	8	3	1	4
Psychoses with convulsive disorders (epilepsy).....	10	1	...	1
Senile psychoses.....	11	1	...	1
Psychoses due to other metabolic, etc., diseases.....	13	..	1	1
Psychoses associated with organic changes of the nervous system.....	15	..	1	1
Manic depressive.....	17	1	...	1
Dementia praecox (schizophrenia).....	18	1	...	1
Undiagnosed psychoses.....	22	..	1	1
Without psychoses.....	23	3	...	3
Total.....		12*	4*	16*

PSYCHOSES OF READMISSIONS

PSYCHOSES	Code No	White Men	White Women	Negro Men	Negro Women	Total
Psychoses with syphilitic meningo-encephalitis (general paresis).....	100	12*	3*	2*	1*	18*
Alcoholic psychoses	500					
Pathological intoxication	510	1	..	..	..	1
Delirium tremens	520	5	..	..	..	5
Acute hallucinosis	540	2	..	..	..	2
Total		8*	..	..	..	8*
Psychoses due to drugs or other exogenous poisons.....	600					
Due to opium and derivatives.....	640	1	3	..	..	4
Total		1*	3*	..	..	4*
Traumatic psychoses	720	2	..	..	..	2
Total		2*	..	..	..	2*
Psychoses with cerebral arteriosclerosis.....	800	10	11	1	6*	28
Total		10*	11*	1*	6*	28*
Psychoses with convulsive disorders (epilepsy)	1000					
Deterioration	1010	8	4	1	1	14
Clouded states	1020	2	..	..	..	2
Total		10*	4*	1*	1*	16*
Senile psychoses	1110	2	..	1	..	3
Total		2*	..	1*	..	3*
Involitional psychoses	1200					
Melancholia	1210	5	3	..	..	8
Paranoid	1220	..	2	..	..	2
Total		5*	5*	..	..	10
Psychoses due to unknown or hereditary cause, but associated with organic change—multiple sclerosis	1500	1	..	..	..	1
Total		1*	..	..	..	1*
Psychoneuroses	1600					
Hysteria	1610	3	12	..	..	15
Psychasthenia	1620	..	2	..	..	2
Neurasthenia	1630	1	..	..	..	1
Hypochondriasis	1640	..	1	..	..	1
Reactive depression	1650	2	3	..	..	5
Anxiety state	1660	..	3	..	..	3
Mixed psychoneurosis	1680	6	4	..	..	10
Total		12*	25*	..	..	37*
Manic-depressive psychoses	1700					
Manic	1710	22	27	15	23	87
Depressive	1720	11	14	..	1	26
Mixed	1740	2	..	..	..	2
Total		35*	41*	15*	24*	115*
Dementia praecox (schizophrenia).....	1800					
Simple	1810	3	..	..	..	3
Hebephrenic	1820	10	..	6	5	21
Catatonic	1830	7	22	6	3	38
Paranoid	1840	5	9	1	2	17
Total		25*	31*	13*	10*	79*
Paranoia and paranoid conditions.....	1900	6	3	..	2	11
Total		6*	3*	..	2*	11*

PSYCHOSES OF READMISSIONS—Continued

PSYCHOSES	Code No.	White Men	White Women	Negro Men	Negro Women	Total
Psychoses with psychopathic personality	2000	1	1	..	..	2
Total		1*	1*	..*	..*	2*
Psychoses with mental deficiency.....	2100	4	3	1	..	8
Total		4*	3*	1*	..*	8*
Total with psychoses.....		134*	130*	34*	44*	342*
Without psychoses:	2300					
Alcoholism	2320	25	2	..	..	27
Drug addiction	2330	1	1	..	..	2
Mental deficiency	2340	3	1	3	1	8
Psychopathic personality	2360	5	2	..	..	7
Physical condition.....	2370	2	1	..	..	3
Total		36*	7*	3*	1*	47*
Habit disturbance	2410	..	2	..	..	2
Total .....		..*	2*	..*	..*	2*
Total without psychoses		36*	9*	3*	1*	49*
GRAND TOTAL		170*	139*	37*	45*	391*

**DISCHARGES OF PATIENTS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES AND
CONDITION OF DISCHARGE**

White Race

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis	1	18	7	25
Psychoses with epidemic encephalitis	3	..	3	3
Alcoholic psychoses	5	42	..	42
Psychoses due to drugs or other exogenous poisons	6	9	6	15
Traumatic psychoses	7	5	..	5
Psychoses with cerebral arteriosclerosis	8	30	30	60
Psychoses with other disturbances of circulation	9	12	7	19
Psychoses with convulsive disorders (epilepsy)	10	11	6	17
Senile psychoses	11	8	6	14
Involuntional psychoses	12	16	47	63
Psychoses due to other metabolic, etc., diseases	13	4	2	6
Psychoses due to new growth	14	1	..	1
Psychoses associated with organic changes of the nervous system	15	..	1	1
Psychoneuroses	16	46	100	146
Manic depressive	17	72	69	141
Dementia praecox (schizophrenia)	18	51	72	123
Paranoia and paranoid conditions	19	6	14	20
Psychoses with psychopathic personality	20	2	2	4
Psychoses with mental deficiency	21	11	10	21
Undiagnosed psychoses	22	7	1	8
Total with psychoses		351*	383*	734*
Improved:				
Psychoses with syphilitic meningo encephalitis	1	17	7	24
Psychoses with epidemic encephalitis	3	..	3	3
Alcoholic psychoses	5	41	..	41
Psychoses due to drugs or other exogenous poisons	6	9	5	14
Traumatic psychoses	7	4	..	4
Psychoses with cerebral arteriosclerosis	8	23	28	51
Psychoses with other disturbances of circulation	9	7	7	14
Psychoses with convulsive disorders (epilepsy)	10	11	6	17
Senile psychoses	11	3	6	9
Involuntional psychoses	12	16	45	61
Psychoses due to other metabolic, etc., diseases	13	3	2	5
Psychoses due to new growth	14	1	..	1
Psychoses associated with organic changes of the nervous system	15	..	1	1
Psychoneuroses	16	41	96	137
Manic depressive	17	70	69	139
Dementia praecox (schizophrenia)	18	44	68	112
Paranoia and paranoid conditions	19	4	12	16
Psychoses with psychopathic personality	20	1	2	3
Psychoses with mental deficiency	21	10	7	17
Undiagnosed psychoses	22	6	..	6
Total		311*	364*	675
Unimproved:				
Psychoses with syphilitic meningo encephalitis	1	1	..	1
Alcoholic psychoses	5	1	..	1
Psychoses due to drugs or other exogenous poisons	6	..	1	1
Traumatic psychoses	7	1	..	1
Psychoses with cerebral arteriosclerosis	8	7	2	9
Psychoses with other disturbances of circulation	9	5	..	5
Senile psychoses	11	5	..	5
Involuntional psychoses	12	..	2	2
Psychoses due to other metabolic, etc., diseases	13	1	..	1
Psychoneuroses	16	5	4	9
Manic depressive	17	2	..	2
Dementia praecox (schizophrenia)	18	7	4	11
Paranoia and paranoid conditions	19	2	2	4
Psychoses with psychopathic personality	20	1	..	1
Psychoses with mental deficiency	21	1	3	4
Undiagnosed psychoses	22	1	1	2
Total		40*	19*	59*
Total with psychoses.....		351	383	734

**DISCHARGES OF PATIENTS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES AND
CONDITION OF DISCHARGE**

White Race

PSYCHOSES	Code No.	Men	Women	Total
Without Psychoses:				
Alcoholism		107	10	117
Drug addiction		8	6	14
Epilepsy		2	1	3
Mental deficiency		8	5	13
Personality disorders due to epidemic encephalitis		1	..	1
Primary behavior disorders		2	5	7
Psychopathic personality		36	7	43
Without mental disorder		33	5	38
Total without psychoses		197	39	236
GRAND TOTAL		548	422	970

**DISCHARGES OF PATIENTS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES AND
CONDITION OF DISCHARGE**

Negro Race

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis	1	11	4	15
Psychoses with epidemic encephalitis	3	1	..	1
Alcoholic psychoses	5	7	3	10
Psychoses with cerebral arteriosclerosis	8	18	9	27
Psychoses with other disturbances of circulation	9	4	..	4
Psychoses with convulsive disorders (epilepsy)	10	4	5	9
Senile psychoses	11	3	3	6
Involuntional psychoses	12	..	1	1
Psychoses due to other metabolic, etc., diseases	13	..	2	2
Psychoneuroses	16	2	3	5
Manic depressive	17	34	46	80
Dementia praecox (schizophrenia)	18	23	26	49
Paranoia and paranoid conditions	19	..	2	2
Psychoses with psychopathic personality	20	1	..	1
Psychoses with mental deficiency	21	5	5	10
Undiagnosed psychoses	22	1	1	2
Total with psychoses		114*	111*	225*
Improved:				
Psychoses with syphilitic meningo encephalitis	1	11	3	14
Psychoses with epidemic encephalitis	3	1	..	1
Alcoholic psychoses	5	7	3	10
Psychoses with cerebral arteriosclerosis	8	17	7	24
Psychoses with other disturbances of circulation	9	3	..	3
Psychoses with convulsive disorders (epilepsy)	10	4	5	9
Senile psychoses	11	2	2	4
Involuntional psychoses	12	..	1	1
Psychoses due to other metabolic, etc., diseases	13	..	2	2
Psychoneuroses	16	2	3	5
Manic depressive	17	33	47	80
Dementia praecox (schizophrenia)	18	18	21	39
Paranoia and paranoid conditions	19	..	2	2
Psychoses with psychopathic personality	20	1	..	1
Psychoses with mental deficiency	21	5	4	9
Undiagnosed psychoses	22	1	1	2
Total		105*	101*	206*
Unimproved:				
Psychoses with syphilitic meningo encephalitis	1	..	1	1
Psychoses with cerebral arteriosclerosis	8	1	2	3
Psychoses with other disturbances of circulation	9	1	..	1
Senile psychoses	11	1	1	2
Manic depressive	17	1	..	1
Dementia praecox (schizophrenia)	18	5	5	10
Psychoses with mental deficiency	21	..	1	1
Total		9*	10*	19*
Total with psychoses.....		114	111	225
Without Psychoses:				
Alcoholism .....	..	..	1	1
Drug addiction .....	..	..	..	..
Epilepsy	10	7	..	17
Mental deficiency.....	3	..	..	3
Personality disorders due to epidemic encephalitis .....	..	..	..	..
Primary behavior disorders	1	2	..	3
Psychopathic personality	1	..	..	1
Without mental disorder	17	7	..	24
Total without psychoses.....		32	17	49
GRAND TOTAL		146	128	274

CAUSES OF DEATH OF PATIENTS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

White Race

CAUSE OF DEATH	Code No.	Men	Women	Total
Dysentery	12 ..	..	1	1
Tuberculosis	15 ..	5	4	9
Syphilis	17 ..	1	..	1
Purulent infection, septicaemia	18 ..	..	1	1
Cancer and other malignant tumors	20 ..	1	5	6
Diabetes	24 ..	1	..	1
Cerebral infection following prefrontal leukotomy	32 ..	..	3	1
Cerebral hemorrhage, apoplexy	33 ..	6	3	9
Syphilitic meningo encephalitis	34 ..	6	..	6
Exhaustion due to mental excitement	35 ..	4	3	7
Epilepsy	36 ..	2	1	3
Disease of the nervous system, type undetermined	38 ..	1	1	2
Myocarditis	42 ..	18	8	26
Coronary thrombosis	44 ..	7	6	13
Arteriosclerosis	45 ..	31	37	68
Broncho pneumonia	51 ..	2	1	3
Lobar pneumonia	52 ..	13	..	13
Hypostatic pneumonia	53 ..	1	1	2
Pulmonary edema	55 ..	..	3	3
Acute gastro-enteritis	63 ..	..	1	1
Cirrhosis of liver	67 ..	..	1	1
Diseases of the digestive system, abdominal abscess	69 ..	..	1	1
Nephritis	70 ..	..	1	1
Uremia	71 ..	4	1	5
Gangrene	80 ..	..	1	1
Accidental traumatism, fractured hip	114 ..	..	1	1
Total		103*	84*	187*
Senile:				
Syphilitic meningo encephalitis	34 11	1	..	1
Myocarditis	42 11	4	3	7
Arteriosclerosis	45 11	11	10	21
Broncho pneumonia	51 11	1	..	1
Lobar pneumonia	52 11	1	..	1
Hypostatic pneumonia	53 11	..	1	1
Uremia	71 11	2	..	2
Accidental traumatism, fractured hip	114 11	..	1	1
Total		20*	15*	35*
With Cerebral Arteriosclerosis:				
Tuberculosis	15 8	..	1	1
Cerebral hemorrhage, apoplexy	33 8	4	2	6
Myocarditis	42 8	4	1	5
Coronary thrombosis	44 8	3	2	5
Arteriosclerosis	45 8	9	18	27
Lobar pneumonia	52 8	4	..	4
Hypostatic pneumonia	53 8	1	..	1
Pulmonary edema	55 8	..	1	1
Nephritis	70 8	..	1	1
Uremia	71 8	2	1	3
Accidental traumatism, fractured hip	114 8	..	1	1
Total		27*	28*	55*
Syphilitic Meningo Encephalitis:				
Cerebral hemorrhage, apoplexy	33 1	1	..	1
Syphilitic meningo encephalitis	34 1	5	..	5
Lobar pneumonia	52 1	1	..	1
Total		7*	..*	7*

CAUSES OF DEATH OF PATIENTS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

White Race—Continued

CAUSE OF DEATH	Code No.		Men	Women	Total
Alcoholic:					
Myocarditis	42	5	1	..	1
Total			1*	..*	1*
Manic Depressive:					
Tuberculosis	15	17	1	..	1
Cancer and other malignant tumors	20	17	..	1	1
Cerebral hemorrhage, apoplexy	33	17	..	1	1
Exhaustion due to mental excitement	35	17	1	1	2
Myocarditis	42	17	3	..	3
Coronary thrombosis	44	17	1	2	3
Arteriosclerosis	45	17	..	1	1
Broncho pneumonia	51	17	1	..	1
Total			7*	6*	13*
Involuntional Psychoses:					
Tuberculosis	15	12	..	1	1
Exhaustion due to mental excitement	35	12	1	1	2
Myocarditis	42	12	..	1	1
Arteriosclerosis	45	12	..	2	2
Lobar pneumonia	52	12	1	..	1
Total			2*	5*	7*
Dementia Praecox:					
Amebic dysentery	12	18	..	1	1
Tuberculosis	15	18	2	..	2
Cancer and other malignant tumors	20	18	..	2	2
Cerebral infection following prefrontal leukotomy	32	18	..	1	1
Myocarditis	42	18	4	..	4
Coronary thrombosis	44	18	2	..	2
Arteriosclerosis	45	18	3	2	5
Lobar pneumonia	52	18	3	..	3
Abdominal abscess.....	69	18	..	1	1
Respiratory failure under anesthesia	115	18	..	1	1
Total			14*	8*	22*
Paranoia and Paranoid Conditions:					
Purulent infection, septicaemia	18	19	..	1	1
Cancer and other malignant tumors	20	19	..	1	1
Myocarditis	42	19	1	..	1
Arteriosclerosis	45	19	1	..	1
Total			2*	2*	4*
Convulsive Disorders (Epilepsy):					
Tuberculosis	15	10	1	2	3
Exhaustion due to mental excitement	35	10	1	..	1
Epilepsy	36	10	2	1	3
Coronary thrombosis	44	10	1	..	1
Arteriosclerosis	45	10	..	1	1
Diarrhea and enteritis	63	10	..	1	1
Total			5*	5*	10*

CAUSES OF DEATH OF PATIENTS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

White Race—Continued

CAUSE OF DEATH	Code No.		Men	Women	Total
Psychoneuroses:					
Arteriosclerosis	45	16	..	2	2
Total .....			..*	2*	2*
With Mental Deficiency:					
Tuberculosis	15	21	1	..	1
Endocarditis	42	21	1	..	1
Arteriosclerosis	45	21	1	..	1
Gangrene	80	21	..	1	1
Total			3*	1*	4*
All Other Psychoses:					
Syphilis	17	2	1	..	1
Cancer and other malignant tumors	20	2	1	1	2
Diabetes	24	13	1	..	1
Cerebral hemorrhage, apoplexy	33	3	1	..	1
Exhaustion due to mental excitement	35	9	1	1	2
Disease of the nervous system, type undetermined	38	15	1	1	2
Myocarditis	42	9	..	3	3
Coronary thrombosis	44	9	..	2	2
Arteriosclerosis	45	9	6	1	7
Broncho pneumonia	51	15	..	1	1
Lobar pneumonia	52	9	3	..	3
Lung abscess	55	23	..	1	1
Cirrhosis of liver	67	20	..	1	1
Total			15*	12*	27*
GRAND TOTAL.....			103	84	187

CAUSES OF DEATH OF PATIENTS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Negro Race

CAUSE OF DEATH	Code No.	Men	Women	Total
Tuberculosis of the respiratory system.....	15 ..	29	19	48
Cancer and other malignant tumors	20 ..	..	2	2
Pellagra	23 ..	..	1	1
Cerebral hemorrhage, apoplexy	33 ..	4	5	9
Syphilitic meningo encephalitis	34 ..	38	15	53
Exhaustion due to mental excitement	35 ..	10	14	24
Epilepsy	36 ..	6	3	9
Myocarditis	42 ..	4	4	8
Arteriosclerosis	45 ..	38	43	81
Broncho pneumonia	51 ..	1	1	2
Diarrhea and enteritis	63 ..	..	4	4
Hernia and intestinal obstruction	65 ..	..	1	1
Malnutrition	69 ..	..	2	2
Nephritis	70 ..	..	1	1
Acute pyelitis	72 ..	1	..	1
Gangrene	80 ..	1	..	1
Total		132*	115*	247*
Senile:				
Cancer and other malignant tumors.....	20 11	..	1	1
Exhaustion due to mental excitement	35 11	..*	1	1
Arteriosclerosis	45 11	12	10	22
Total		12*	12*	24*
With Cerebral Arteriosclerosis:				
Tuberculosis	15 8	..	1	1
Cerebral hemorrhage, apoplexy	33 8	2	4	6
Exhaustion due to mental excitement	35 8	2	..	2
Arteriosclerosis	45 8	13	12	25
Broncho pneumonia	51 8	1	..	1
Acute pyelitis	72 8	1	..	1
Gangrene	80 8	1	..	1
Total		20*	17*	37*
Syphilitic Meningo Encephalitis:				
Syphilitic meningo encephalitis	34 1	38	15	53
Arteriosclerosis	45 1	..	1	1
Total		38*	16*	54*
Alcoholic:				
Exhaustion due to mental excitement.....	35 5	1	..	1
Total		1*	..*	1*
Manic Depressive:				
Tuberculosis	15 17	5	4	9
Cerebral hemorrhage, apoplexy	33 17	1	..	1
Exhaustion due to mental excitement	35 17	2	10	12
Myocarditis	42 17	2	1	3
Arteriosclerosis	45 17	2	4	6
Malnutrition	69 17	..	1	1
Total		12*	20*	32*

CAUSES OF DEATH OF PATIENTS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

Negro Race—Continued

CAUSE OF DEATH	Code No.		Men	Women	Total
Dementia Praecox:					
Tuberculosis	15	18	15	8	23
Cancer and other malignant tumors	20	18	..	1	1
Pellagra	23	18	..	1	1
Cerebral hemorrhage, apoplexy	33	18	1	..	1
Exhaustion due to mental excitement	35	18	3	2	5
Myocarditis	42	18	1	..	1
Arteriosclerosis	45	18	5	8	13
Diarrhea and enteritis	63	18	..	4	4
Malnutrition	69	18	..	1	1
Nephritis	70	18	..	1	1
Total			25*	26*	51*
Convulsive Disorders (Epilepsy):					
Tuberculosis	15	10	1	1	2
Exhaustion due to mental excitement	35	10	1	1	2
Epilepsy	36	10	2	3	5
Arteriosclerosis	45	10	..	1	1
Total			4*	6*	10*
With Mental Deficiency:					
Tuberculosis	15	21	3	1	4
Exhaustion due to mental excitement	35	21	1	..	1
Myocarditis	42	21	..	1	1
Arteriosclerosis	45	21	..	2	2
Total			4*	4*	8*
All Other Psychoses:					
Tuberculosis	15	13	5	4	9
Cerebral hemorrhage, apoplexy	33	22	..	1	1
Epilepsy	36	23	4	..	4
Myocarditis	42	3	1	2	3
Arteriosclerosis	45	9	6	5	11
Broncho pneumonia	51	15	..	1	1
Hernia and intestinal obstruction	65	23	..	1	1
Total			16*	14*	30*
GRAND TOTAL.....			132*	115*	247*

**AGE OF PATIENTS AT TIME OF DEATH CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES**

White Race

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis.....	1	7	..	7
Psychoses with other forms of syphilis of the central nervous system.....	2	1	1	2
Psychoses with epidemic encephalitis	3	1	..	1
Alcoholic psychoses	5	1	..	1
Psychoses with cerebral arteriosclerosis	8	27	28	55
Psychoses with other disturbances of circulation	9	8	3	11
Psychoses with convulsive disorders (epilepsy)	10	5	5	10
Senile psychoses	11	20	15	35
Involuntional psychoses	12	2	5	7
Psychoses due to other metabolic, etc., diseases	13	2	1	3
Psychoses due to new growth	14	1	..	1
Psychoses associated with organic changes of the nervous system.....	15	..	3	3
Psychoneuroses	16	..	2	2
Manic depressive	17	7	6	13
Dementia praecox (schizophrenia)	18	14	8	22
Paranoia and paranoid conditions	19	2	2	4
Psychoses with psychopathic personality	20	..	1	1
Psychoses with mental deficiency	21	3	1	4
Undiagnosed psychoses	22	2	..	2
Without psychoses	23	..	3	3
TOTAL		103*	84*	187*
20-24 Years:				
Psychoses with other forms of syphilis of the central nervous system.....	2	..	1	1
Psychoses with convulsive disorders (epilepsy)	10	1	..	1
Total		1*	1*	2*
25-29 Years:				
Dementia praecox (schizophrenia)	18	..	1	1
Total .....		..*	1*	1*
30-34 Years:				
Psychoses with convulsive disorders (epilepsy)	10	..	2	2
Total .....		..*	2*	2*
35-39 Years:				
Psychoses with other disturbances of circulation	9	..	1	1
Psychoses with convulsive disorders (epilepsy)	10	2	..	2
Psychoses due to other metabolic, etc., diseases	13	1	..	1
Manic depressive	17	1	..	1
Dementia praecox (schizophrenia)	18	..	1	1
Undiagnosed psychoses	22	1	..	1
Without psychoses	23	..	1	1
Total		5*	3*	8*
40-44 Years:				
Psychoses with syphilitic meningo encephalitis	1	1	..	1
Psychoses with other disturbances of circulation	9	..	1	1
Psychoses with convulsive disorders (epilepsy)	10	1	..	1
Involuntional psychoses	12	..	1	1
Psychoses due to other metabolic, etc., diseases	13	..	1	1
Psychoneuroses	16	..	1	1
Dementia praecox (schizophrenia)	18	2	..	2
Undiagnosed psychoses	22	1	..	1
Total		5*	4*	9*

**AGE OF PATIENTS AT TIME OF DEATH CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES—Continued**

White Race

PSYCHOSES	Code No.	Men	Women	Total
45-49 Years:				
Psychoses with syphilitic meningo encephalitis	1	1	..	1
Psychoses with cerebral arteriosclerosis	8	1	1	2
Psychoses with convulsive disorders (epilepsy)	10	..	1	1
Psychoses due to new growth	14	..	..	1
Psychoses associated with organic changes of the nervous system	15	..	2	2
Manic depressive	17	..	1	1
Dementia praecox (schizophrenia)	18	3	2	5
Psychoses with mental deficiency	21	1	..	1
Total		7*	7*	14*
50-54 Years:				
Psychoses with syphilitic meningo encephalitis	1	1	..	1
Psychoses with convulsive disorders (epilepsy)	10	1	..	1
Involuntional psychoses	12	2	..	2
Psychoneuroses	16	..	1	1
Manic depressive	17	1	..	1
Dementia praecox (schizophrenia)	18	1	2	3
Paranoia and paranoid conditions	19	..	1	1
Psychoses with psychopathic personality	20	..	1	1
Psychoses with mental deficiency	21	1	..	1
Total		7*	5*	12*
55-59 Years:				
Psychoses with syphilitic meningo encephalitis	1	1	..	1
Psychoses with cerebral arteriosclerosis	8	6	1	7
Involuntional psychoses	12	..	2	2
Psychoses associated with organic changes of the nervous system	15	..	1	1
Manic depressive	17	2	2	4
Dementia praecox (schizophrenia)	18	1	..	1
Without psychoses	23	..	1	1
Total		10*	7*	17*
60-64 Years:				
Psychoses with epidemic encephalitis	3	1	..	1
Psychoses with cerebral arteriosclerosis	8	1	3	4
Psychoses with other disturbances of circulation	9	2	..	2
Psychoses with convulsive disorders (epilepsy)	10	..	2	2
Senile psychoses	11	1	..	1
Manic depressive	17	..	1	1
Dementia praecox (schizophrenia)	18	2	..	2
Paranoia and paranoid conditions	19	..	1	1
Without psychoses	23	..	1	1
Total		7*	8*	15*
65-69 Years:				
Psychoses with syphilitic meningo encephalitis	1	2	..	2
Psychoses with other forms of syphilis of the central nervous system	2	1	..	1
Psychoses with cerebral arteriosclerosis	8	8	13	21
Psychoses with other disturbances of circulation	9	1	1	2
Senile psychoses	11	1	2	3
Involuntional psychoses	12	..	1	1
Psychoses due to other metabolic, etc., diseases	13	1	..	1
Manic depressive	17	2	..	2
Dementia praecox (schizophrenia)	18	3	..	3
Psychoses with mental deficiency	21	1	..	1
Total		20*	17*	37*

**AGE OF PATIENTS AT TIME OF DEATH CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES—Continued**

White Race

PSYCHOSES	Code No.	Men	Women	Total
70 Years and Over:				
Psychoses with syphilitic meningo encephalitis	1	1	..	1
Alcoholic psychoses	5	1	..	1
Psychoses with cerebral arteriosclerosis	8	11	10	21
Psychoses with other disturbances of circulation	9	5	..	5
Senile psychoses	11	18	13	31
Involuntional psychoses	12	..	1	1
Manic depressive	17	..	2	2
Dementia praecox (schizophrenia)	18	2	2	4
Paranoia and paranoid conditions	19	2	..	2
Psychoses with mental deficiency	21	..	1	1
Total		41*	29*	70*
GRAND TOTAL.....		103	84	187

**AGE OF PATIENTS AT TIME OF DEATH CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES**

Negro Race

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis	1	38	16	54
Psychoses with epidemic encephalitis	3	..	1	1
Alcoholic psychoses	5	1	..	1
Traumatic psychoses	7	1	..	1
Psychoses with cerebral arteriosclerosis	8	20	17	37
Psychoses with other disturbances of circulation	9	4	4	8
Psychoses with convulsive disorders (epilepsy)	10	4	6	10
Senile psychoses	11	12	12	24
Psychoses due to other metabolic, etc., diseases	13	1	3	4
Psychoses associated with organic changes of the nervous system	15	..	1	1
Manic depressive	17	12	20	32
Dementia praecox (schizophrenia)	18	25	26	51
Psychoses with mental deficiency	21	4	4	8
Undiagnosed psychoses	22	..	1	1
Without psychoses	23	10	4	14
TOTAL		132*	115*	247*
Under 15 Years:				
Manic depressive	17	..	1	1
Psychoses with mental deficiency	21	1	..	1
Without psychoses	23	..	1	1
Total		1*	2*	3*
15-19 Years:				
Psychoses with convulsive disorders (epilepsy)	10	..	1	1
Manic depressive	17	..	2	2
Dementia praecox (schizophrenia)	18	1	..	1
Without psychoses	23	2	..	2
Total		3*	3*	6*
20-24 Years:				
Psychoses with convulsive disorders (epilepsy)	10	..	2	2
Manic depressive	17	..	1	1
Dementia praecox (schizophrenia)	18	2	2	4
Psychoses with mental deficiency	21	2	..	2
Without psychoses	23	4	..	4
Total		8*	5*	13*
25-29 Years:				
Psychoses with syphilitic meningo encephalitis	1	1	..	1
Psychoses with convulsive disorders (epilepsy)	10	2	..	2
Psychoses due to other metabolic, etc., diseases	13	..	1	1
Manic depressive	17	2	1	3
Dementia praecox (schizophrenia)	18	7	6	13
Psychoses with mental deficiency	21	..	1	1
Without psychoses	23	1	2	3
Total		13*	11*	24*
30-34 Years:				
Psychoses with syphilitic meningo encephalitis	1	1	3	4
Psychoses with convulsive disorders (epilepsy)	10	1	..	1
Manic depressive	17	1	2	3
Dementia praecox (schizophrenia)	18	3	4	7
Psychoses with mental deficiency	21	1	..	1
Without psychoses	23	1	..	1
Total		8*	9*	17*

**AGE OF PATIENTS AT TIME OF DEATH CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES—Continued**

Negro Race

PSYCHOSES	Code No.	Men	Women	Total
35-39 Years:				
Psychoses with syphilitic meningo encephalitis	1	5	1	6
Psychoses with convulsive disorders (epilepsy)	10	1	1	2
Manic depressive	17	2	1	3
Dementia praecox (schizophrenia)	18	3	1	4
Psychoses with mental deficiency	21	..	1	1
Without psychoses	23	1	..	1
Total		12*	5*	17*
40-44 Years:				
Psychoses with syphilitic meningo encephalitis	1	10	2	12
Psychoses with cerebral arteriosclerosis	8	..	1	1
Psychoses with convulsive disorders (epilepsy)	10	..	1	1
Psychoses due to other metabolic, etc., diseases	13	..	1	1
Psychoses associated with organic changes of the nervous system	15	..	1	1
Manic depressive	17	2	3	5
Dementia praecox (schizophrenia)	18	3	2	5
Total		15*	11*	26*
45-49 Years:				
Psychoses with syphilitic meningo encephalitis	1	6	4	10
Alcoholic psychoses	5	1	..	1
Psychoses with cerebral arteriosclerosis	8	2	3	5
Psychoses with convulsive disorders (epilepsy)	10	..	1	1
Manic depressive	17	1	3	4
Dementia praecox (schizophrenia)	18	..	2	2
Psychoses with mental deficiency	21	..	1	1
Total		10*	14*	24*
50-54 Years:				
Psychoses with syphilitic meningo encephalitis	1	4	1	5
Psychoses with cerebral arteriosclerosis	8	1	5	6
Manic depressive	17	..	2	2
Dementia praecox (schizophrenia)	18	2	3	5
Without psychoses	23	..	1	1
Total		7*	12*	19*
55-59 Years:				
Psychoses with syphilitic meningo encephalitis	1	5	1	6
Psychoses with epidemic encephalitis	3	..	1	1
Traumatic psychoses	7	1	..	1
Psychoses with cerebral arteriosclerosis	8	3	2	5
Psychoses with other disturbances of circulation	9	..	1	1
Senile psychoses	11	..	1	1
Manic depressive	17	..	1	1
Dementia praecox (schizophrenia)	18	..	4	4
Total		9*	11*	20*

**AGE OF PATIENTS AT TIME OF DEATH CLASSIFIED WITH REFERENCE TO
PRINCIPAL PSYCHOSES—Continued**

Negro Race

PSYCHOSES	Code No.	Men	Women	Total
60-64 Years:				
Psychoses with syphilitic meningo encephalitis	1	4	..	4
Psychoses with cerebral arteriosclerosis	8	6	4	10
Psychoses with other disturbances of circulation	9	2	1	3
Senile psychoses	11	2	1	3
Psychoses due to other metabolic, etc., diseases	13	1	1	2
Manic depressive	17	2	1	3
Dementia praecox (schizophrenia)	18	1	1	2
Total		18*	9*	27*
65-69 Years:				
Psychoses with syphilitic meningo encephalitis	1	2	..	2
Psychoses with cerebral arteriosclerosis	8	3	1	4
Psychoses with other disturbances of circulation	9	1	..	1
Senile psychoses	11	2	..	2
Manic depressive	17	..	2	2
Dementia praecox (schizophrenia)	18	3	..	3
Undiagnosed psychoses	22	..	1	1
Without psychoses	23	1	..	1
Total		12*	4*	16*
70 Years and Over:				
Psychoses with syphilitic meningo encephalitis	1	..	3	3
Psychoses with cerebral arteriosclerosis	8	5	1	6
Psychoses with other disturbances of circulation	9	1	2	3
Senile psychoses	11	8	10	18
Manic depressive	17	2	..	2
Dementia praecox (schizophrenia)	18	..	1	1
Psychoses with mental deficiency	21	..	1	1
Total		16*	18*	34*
Unascertained:				
Psychoses with syphilitic meningo encephalitis	1	..	1	1
Total .....		..*	1*	1*
GRAND TOTAL		132*	115*	247*

TOTAL DURATION OF HOSPITAL LIFE OF PATIENTS DYING IN HOSPITAL

White Race

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis	1	7	..	7
Psychoses with other forms of syphilis of the central nervous system	2	1	1	2
Psychoses with epidemic encephalitis	3	1	..	1
Alcoholic psychoses	5	1	..	1
Psychoses with cerebral arteriosclerosis	8	27	28	55
Psychoses with other disturbances of circulation	9	8	3	11
Psychoses with convulsive disorders (epilepsy)	10	5	5	10
Senile psychoses	11	20	15	35
Involuntional psychoses	12	2	5	7
Psychoses due to other metabolic, etc., diseases	13	2	1	3
Psychoses due to new growth	14	1	..	1
Psychoses associated with organic changes of the nervous system	15	..	3	3
Psychoneuroses	16	..	2	2
Manic depressive	17	7	6	13
Dementia praecox (schizophrenia)	18	14	8	22
Paranoia and paranoid conditions	19	2	2	4
Psychoses with psychopathic personality	20	..	1	1
Psychoses with mental deficiency	21	3	1	4
Undiagnosed psychoses	22	2	..	2
Without psychoses	23	..	3	3
Total		103*	84*	187*
Less Than 1 Month:				
Psychoses with syphilitic meningo encephalitis	1	1	..	1
Psychoses with cerebral arteriosclerosis	8	6	3	9
Psychoses with other disturbances of circulation	9	2	2	4
Psychoses with convulsive disorders (epilepsy)	10	1	..	1
Senile psychoses	11	5	2	7
Involuntional psychoses	12	1	1	2
Psychoses due to other metabolic, etc., diseases	13	1	..	1
Psychoses due to new growth	14	1	..	1
Manic depressive	17	..	1	1
Undiagnosed psychoses	22	2	..	2
Total		20*	9*	29*
1-3 Months:				
Psychoses with syphilitic meningo encephalitis	1	1	..	1
Psychoses with other forms of syphilis of the central nervous system	2	..	1	1
Psychoses with cerebral arteriosclerosis	8	6	5	11
Psychoses with other disturbances of circulation	9	2	..	2
Senile psychoses	11	6	4	10
Psychoses due to other metabolic, etc., diseases	13	..	1	1
Psychoses associated with organic changes of the nervous system	15	..	1	1
Manic depressive	17	1	..	1
Total		16*	12*	28*
4-7 Months:				
Psychoses with cerebral arteriosclerosis	8	2	6	8
Psychoses with other disturbances of circulation	9	1	1	2
Senile psychoses	11	4	5	9
Involuntional psychoses	12	1	..	1
Psychoses due to other metabolic, etc., diseases	13	1	..	1
Manic depressive	17	1	..	1
Dementia praecox (schizophrenia)	18	1	..	1
Paranoia and paranoid conditions	19	..	1	1
Total		11*	13*	24*

TOTAL DURATION OF HOSPITAL LIFE OF PATIENTS DYING IN HOSPITAL—Continued

White Race

PSYCHOSES	Code No.	Men	Women	Total
8-12 Months:				
Psychoses with cerebral arteriosclerosis	8	3	3	6
Senile psychoses	11	..	1	1
Total		3*	4*	7*
1-2 Years:				
Psychoses with syphilitic meningo encephalitis	1	2	..	2
Psychoses with cerebral arteriosclerosis	8	6	9	15
Psychoses with other disturbances of circulation	9	1	..	1
Psychoses with convulsive disorders (epilepsy)	10	1	2	3
Senile psychoses	11	3	2	5
Psychoses associated with organic changes of the nervous system	15	..	1	1
Psychoneuroses	16	..	2	2
Manic depressive	17	..	1	1
Dementia praecox (schizophrenia)	18	..	1	1
Total		13*	18*	31*
3-4 Years:				
Psychoses with syphilitic meningo encephalitis	1	1	..	1
Psychoses with cerebral arteriosclerosis	8	2	1	3
Psychoses with other disturbances of circulation	9	1	..	1
Senile psychoses	11	2	..	2
Manic depressive	17	..	1	1
Paranoia and paranoid conditions	19	..	1	1
Total		6*	3*	9*
5-6 Years:				
Psychoses with syphilitic meningo encephalitis	1	1	..	1
Psychoses with cerebral arteriosclerosis	8	2	1	3
Senile psychoses	11	..	1	1
Manic depressive	17	1	1	2
Dementia praecox (schizophrenia)	18	1	..	1
Total		5*	3*	8*
7-8 Years:				
Alcoholic psychoses	5	1	..	1
Psychoses with convulsive disorders (epilepsy)	10	1	..	1
Involuntional psychoses	12	..	2	2
Manic depressive	17	1	..	1
Total		3*	2*	5*
9-10 Years:				
Psychoses with epidemic encephalitis	3	1	..	1
Psychoses with convulsive disorders (epilepsy)	10	1	..	1
Involuntional psychoses	12	..	1	1
Dementia praecox (schizophrenia)	18	2	..	2
Psychoses with mental deficiency	21	..	1	1
Total		4*	2*	6*

TOTAL DURATION OF HOSPITAL LIFE OF PATIENTS DYING IN HOSPITAL—Continued

White Race

PSYCHOSES	Code No.	Men	Women	Total
11-12 Years:				
Psychoses with convulsive disorders (epilepsy)	10	..	1	1
Dementia praecox (epilepsy)	18	..	1	1
Total .....		..*	2*	2*
13-14 Years:				
Involitional psychoses	12	..	1	1
Manic depressive	17	1	..	1
Total		1*	1*	2*
15-19 Years:				
Psychoses with syphilitic meningo encephalitis	1	1	..	1
Psychoses with other forms of syphilis of the central nervous system	2	1	..	1
Psychoses with other disturbances of circulation	9	1	..	1
Psychoses with convulsive disorders (epilepsy)	10	1	..	1
Manic depressive	17	1	2	3
Dementia praecox (schizophrenia)	18	3	1	4
Paranoia and paranoid conditions	19	1	..	1
Without psychoses	23	..	1	1
Total		9*	4*	13*
20 Years and Over:				
Psychoses with convulsive disorders (epilepsy)	10	..	2	2
Psychoses associated with organic changes of the nervous system	15	..	1	1
Manic depressive	17	1	..	1
Dementia praecox (schizophrenia)	18	7	5	12
Paranoia and paranoid conditions	19	1	..	1
Psychoses with psychopathic personality	20	..	1	1
Psychoses with mental deficiency	21	3	..	3
Without psychoses	23	..	2	2
Total		12*	11*	23*
GRAND TOTAL		103*	84*	187*

TOTAL DURATION OF HOSPITAL LIFE OF PATIENTS DYING IN HOSPITAL

Negro Race

PSYCHOSES	Code No.	Men	Women	Total
Psychoses with syphilitic meningo encephalitis	1	38	16	54
Psychoses with epidemic encephalitis	3	..	1	1
Alcoholic psychoses	5	1	..	1
Traumatic psychoses	7	1	..	1
Psychoses with cerebral arteriosclerosis	8	20	17	37
Psychoses with other disturbances of circulation	9	4	4	8
Psychoses with convulsive disorders (epilepsy)	10	4	6	10
Senile psychoses	11	12	12	24
Psychoses due to other metabolic, etc., diseases	13	1	3	4
Psychoses associated with organic changes of the nervous system	15	..	1	1
Manic depressive	17	12	20	32
Dementia praecox (schizophrenia)	18	25	26	51
Psychoses with mental deficiency	21	4	4	8
Undiagnosed psychoses	22	..	1	1
Without psychoses	23	10	4	14
TOTAL		132*	115*	247*
Less Than 1 Month:				
Psychoses with syphilitic meningo encephalitis	1	7	2	9
Alcoholic psychoses	5	1	..	1
Psychoses with cerebral arteriosclerosis	8	7	4	11
Psychoses with other disturbances of circulation	9	2	1	3
Psychoses with convulsive disorders (epilepsy)	10	..	1	1
Senile psychoses	11	4	2	6
Manic depressive	17	1	7	8
Psychoses with mental deficiency	21	1	..	1
Total		23*	17*	40*
1-3 Months:				
Psychoses with syphilitic meningo encephalitis	1	16	4	20
Psychoses with cerebral arteriosclerosis	8	6	5	11
Psychoses with other disturbances of circulation	9	1	..	1
Psychoses with convulsive disorders (epilepsy)	10	..	1	1
Senile psychoses	11	2	2	4
Psychoses due to other metabolic, etc., diseases	13	..	1	1
Manic depressive	17	..	1	1
Without psychoses	23	1	..	1
Total		26*	14*	40*
4-7 Months:				
Psychoses with syphilitic meningo encephalitis	1	9	4	13
Psychoses with cerebral arteriosclerosis	8	4	4	8
Senile psychoses	11	1	1	2
Manic depressive	17	..	2	2
Dementia praecox (schizophrenia)	18	..	1	1
Total		14*	12*	26*
8-12 Months:				
Psychoses with syphilitic meningo encephalitis	1	1	1	2
Psychoses with cerebral arteriosclerosis	8	..	1	1
Senile psychoses	11	..	2	2
Manic depressive	17	1	..	1
Dementia praecox (schizophrenia)	18	2	..	2
Psychoses with mental deficiency	21	1	..	1
Without psychoses	23	2	1	3
Total		7*	5*	12*

TOTAL DURATION OF HOSPITAL LIFE OF PATIENTS DYING IN HOSPITAL—Continued

Negro Race

PSYCHOSES	Code No.	Men	Women	Total
1-2 Years:				
Psychoses with syphilitic meningo encephalitis	1	3	2	5
Psychoses with cerebral arteriosclerosis	8	3	..	3
Psychoses with other disturbances of circulation	9	..	1	1
Psychoses with convulsive disorders (epilepsy)	10	1	1	2
Senile psychoses	11	3	4	7
Psychoses due to other metabolic, etc., diseases	13	..	1	1
Psychoses associated with organic changes of the nervous system	15	..	1	1
Manic depressive	17	4	..	4
Dementia praecox	18	5	6	11
Psychoses with mental deficiency	21	1	1	2
Without psychoses	23	2	..	2
Total		22*	17*	39*
3-4 Years:				
Psychoses with syphilitic meningo encephalitis	1	1	1	2
Psychoses with cerebral arteriosclerosis	8	..	1	1
Psychoses with convulsive disorders (epilepsy)	10	..	1	1
Senile psychoses	11	1	..	1
Manic depressive	17	1	..	1
Dementia praecox (schizophrenia)	18	4	2	6
Psychoses with mental deficiency	21	1	..	1
Without psychoses	23	4	..	4
Total		12*	5*	17*
5-6 Years:				
Psychoses with syphilitic meningo encephalitis	1	..	1	1
Senile psychoses	11	..	1	1
Manic depressive	17	1	3	4
Dementia praecox (schizophrenia)	18	3	2	5
Without psychoses	23	..	2	2
Total		4*	9*	13*
7-8 Years:				
Psychoses with syphilitic meningo encephalitis	1	1	..	1
Psychoses with cerebral arteriosclerosis	8	..	2	2
Psychoses with convulsive disorders (epilepsy)	10	2	..	2
Manic depressive	17	1	4	5
Dementia praecox (schizophrenia)	18	2	2	4
Undiagnosed psychoses	22	..	1	1
Total		6*	9*	15*
9-10 Years:				
Psychoses with other disturbances of circulation	9	1	1	2
Psychoses with convulsive disorders (epilepsy)	10	..	1	1
Manic depressive	17	1	..	1
Dementia praecox (schizophrenia)	18	1	3	4
Psychoses with mental deficiency	21	..	1	1
Total		3*	6*	9*

TOTAL DURATION OF HOSPITAL LIFE OF PATIENTS DYING IN HOSPITAL—Continued

Negro Race

PSYCHOSES	Code No.	Men	Women	Total
11-12 Years:				
Traumatic psychoses	7	1	..	1
Manic depressive	17	2	1	3
Psychoses with mental deficiency	21	..	1	1
Without psychoses	23	1	..	1
Total		4*	2*	6*
13-14 Years:				
Psychoses with other disturbances of circulation	9	..	1	1
Dementia praecox (schizophrenia)	18	1	2	3
Total		1*	3*	4*
15-19 Years:				
Psychoses with epidemic encephalitis	3	..	1	1
Psychoses with convulsive disorders (epilepsy)	10	1	1	2
Senile psychoses	11	1	..	1
Psychoses due to other metabolic, etc., diseases	13	1	1	2
Dementia praecox (schizophrenia)	18	2	2	4
Total		5*	5*	10*
20 Years and Over:				
Psychoses with syphilitic meningo encephalitis	1	..	1	1
Manic depressive	17	..	2	2
Dementia praecox (schizophrenia)	18	5	6	11
Psychoses with mental deficiency	21	..	1	1
Without psychoses	23	..	1	1
Total		5*	11*	16*
GRAND TOTAL		132*	115*	247*

RESIDENCE OF PATIENTS RECEIVED 1948-49

COUNTIES	White Men	Negro Men	White Women	Negro Women	Total
Abbeville	10	4	6	2	22
Aiken	17	6	11	14	48
Allendale	1	1	3	5	10
Anderson	35	4	25	5	69
Bamberg	6	7	6	2	21
Barnwell	10	6	6	4	26
Beaufort	3	12	4	7	26
Berkeley	7	5	1	6	19
Calhoun	2	2	2	3	9
Charleston	30	28	27	15	100
Cherokee	14	3	9	1	27
Chester	18	6	15	7	46
Chesterfield	21	3	11	5	40
Clarendon	8	6	3	8	25
Colleton	14	7	10	6	37
Darlington	19	14	5	5	43
Dillon	3	1	5	4	13
Dorchester	9	9	1	5	24
Edgefield	7	6	9	2	24
Fairfield	6	12	3	11	32
Florence	23	8	18	7	56
Georgetown	8	10	2	6	26
Greenville	48	25	46	16	135
Greenwood	21	4	7	5	37
Hampton	15	5	..	8	28
Horry	12	6	8	3	29
Jasper	2	3	2	..	7
Kershaw	8	7	11	12	38
Lancaster	14	2	11	5	32
Laurens	19	4	15	5	43
Lee	9	2	5	6	22
Lexington	24	4	10	4	42
Marion	8	2	5	4	19
Marlboro	8	2	8	2	20
McCormick	3	3	4	5	15
Newberry	16	9	10	6	41
Oconee	19	..	12	3	34
Orangeburg	24	11	15	14	64
Pickens	10	1	13	2	26
Richland	58	36	44	42	180
Saluda	9	2	5	3	19
Spartanburg	57	11	52	10	130
Sumter	13	13	12	8	46
Union	13	2	10	4	29
Williamsburg	8	7	5	8	28
York	41	12	31	2	86
TOTAL	730	333	523	307	1,893

RESIDENCE OF PATIENTS PRESENT JUNE 30, 1949

COUNTIES	White Men	Negro Men	White Women	Negro Women	Total
Abbeville	13	17	19	13	62
Aiken	46	33	36	24	139
Allendale	15	18	12	16	61
Anderson	74	34	86	30	224
Bamberg	8	12	6	19	45
Barnwell	17	24	14	21	76
Beaufort	8	27	3	24	62
Berkeley	9	17	13	18	57
Calhoun	6	18	11	11	46
Charleston	85	113	98	90	386
Cherokee	23	15	37	15	90
Chester	19	21	30	29	99
Chesterfield	42	18	26	16	102
Clarendon	10	21	18	33	82
Colleton	30	23	26	17	96
Darlington	32	29	27	22	110
Dillon	8	8	19	13	48
Dorchester	11	20	7	20	58
Edgefield	10	20	11	14	55
Fairfield	18	19	13	29	79
Florence	24	50	43	32	149
Georgetown	12	33	10	18	73
Greenville	98	57	127	44	326
Greenwood	28	25	27	23	103
Hampton	11	10	11	18	50
Horry	20	22	28	12	82
Jasper	4	12	3	7	26
Kershaw	23	25	22	26	96
Lancaster	23	14	27	17	81
Laurens	51	27	28	23	129
Lee	17	10	17	20	64
Lexington	32	11	41	2	86
Marion	12	16	20	21	69
Marlboro	14	20	17	18	69
McCormick	4	8	7	11	30
Newberry	22	17	22	12	73
Oconee	32	13	26	7	78
Orangeburg	27	52	47	60	186
Pickens	42	3	34	8	87
Richland	102	91	106	103	402
Saluda	14	8	11	10	43
Spartanburg	97	53	132	49	331
Sumter	20	45	26	42	133
Union	21	13	28	21	83
Williamsburg	12	44	13	26	95
York	50	39	50	35	174
TOTAL	1,296	1,225	1,435	1,139	5,095

OFFICERS AND EMPLOYEES

June 30, 1949

DEPARTMENT	Employed					Vacancies		
	White Men	White Women	Negro Men	Negro Women	Total	Men	Women	Total
ADMINISTRATIVE DEPARTMENT—								
Superintendent .....	..	..	..	..	..	1	..	..
Business Manager.....	1	..	..	..	1	..	..	..
Treasurer	1	..	..	..	1	..	..	..
Personnel Officer.....	1	..	..	..	1	..	..	..
Secretaries .....	..	4	..	..	4	..	..	..
Other Personnel.....	1	8	..	..	9	..	..	..
GENERAL SERVICES DEPARTMENT—								
Chaplain	1	..	..	..	1	1	..	1
Librarian .....	..	1	..	..	1	..	..	..
Canteen Manager.....	1	..	..	..	1	..	..	..
Other Personnel.....	11	9	..	..	20	1	..	1
MEDICAL DEPARTMENT—								
Clinical Director.....	1	..	..	..	1	..	..	..
Physicians	12	..	..	..	12	4	..	4
Dentist	1	..	..	..	1	..	..	..
Social Worker.....	..	1	..	..	1	..	1	1
Druggist	1	..	..	..	1	..	..	..
Laboratory Technicians.....	3	11	..	..	4	..	..	..
Medical Clerks.....	..	11	..	..	11	..	..	..
Supervisors and Assistants.....	7	9	1	..	17	2	..	2
Nurses (Ward).....	..	16	..	1	17	..	4	4
Nurses (Student).....	..	11	..	..	11	..	24	24
Attendants	93	75	85	69	322	3	6	9
Other Personnel.....	8	4	..	..	12	..	2	2
GENERAL PLANT DEPARTMENT—								
Maintenance Division.....	58	1	39	..	98	1	..	1
Traffic Division.....	25	3	9	4	41	..	..	..
Dietary Division.....	12	4	23	22	61	3	..	3
Bakery Division.....	4	..	..	..	4	..	..	..
Storeroom Division.....	5	..	..	..	5	..	..	..
Clothing Division.....	..	4	..	..	4	..	..	..
Laundry Division.....	4	5	14	31	54	..	..	..
FARMS AND DAIRIES DEPARTMENT—								
Farm Division.....	3	..	22	1	26	..	1	1
Dairy Division.....	7	..	15	3	25	..	..	..
TOTAL OFFICERS AND EMPLOYEES.....	261	167	208	131	767	16	38	54

South Carolina State Hospital

TREASURER'S REPORT

June 30, 1949

W. P. Beckman, M. D., Acting Superintendent
 South Carolina State Hospital
 Columbia, S. C.

Dear Sir:

I am attaching the financial report for the year July 1, 1948-
 June 30, 1949:

INCOME

Appropriation\$2,732,552.00

COST OF OPERATION

The net expenditure for maintenance is \$2,732,552.00. The daily average population is 5,053 and the daily per capita cost \$1.4815 plus.

Yours very truly

T. F. STEVENSON, SR.
 Treasurer

FINANCIAL STATEMENT FOR THE YEAR ENDED JUNE 30, 1949

MAINTENANCE

Receipts

Appropriation State of South Carolina\$ 2,732,552.00

Disbursements

Salaries and Wages	\$ 1,028,083.37
Repairs	87,092.17
Water, Light, Heat & Power	61,266.56
Food (Includes Farm and Dairy Expense)	871,253.27
Fuel	95,855.83
Clothing and Dry Goods	264,082.16
Insurance	9,806.75
Equipment	140,287.92
All Other Expenditures	174,823.97
	<hr/>
	\$ 2,732,552.00

INCOME STATE TREASURER

Collections:

Pay Patients	\$ 49,221.85
Rental of Quarters	9,480.00
Subsistence	26,172.40
Miscellaneous	22,826.13
Occupational Department	744.50
	<hr/>
	\$ 108,444.88
Remittance to State Treasurer	\$ 108,444.88

MENTAL HYGIENE

Receipts

Received from State Appropriation	\$ 28,817.00
Received from Federal Grant	53,216.00
Balance on hand Federal Funds 1947-1948	11,615.42
	<hr/>
	\$ 93,648.42

Disbursements

Expended from State Funds	\$18,605.48	
Expended from Federal Funds	37,210.95	
<hr/>		
Total Expenditures	\$	55,816.43
Encumbered Federal Funds		25,000.00
Balance State Funds (Reverted to General Fund of State)		10,211.52
Balance Federal Funds (Deposited with State Treasurer)		2,620.47
<hr/>		
	\$	93,648.42

**STRUCTURAL AND NON-STRUCTURAL IMPROVEMENTS
AND EQUIPMENT**

Appropriated 1946 Session of Legislature	\$ 1,000,000.00	
Received 1948-49 Federal Grants		47,002.51
<hr/>		
	\$ 1,047,002.51	
Already expended and reported in previous Annual Report: 1947-48		7,609.27
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	\$ 1,039,393.24	
Expended 1948-49		245,077.69
<hr/>		
Balance on Hand (Deposited with State Treasurer) \$	794,315.55	
<hr/>		
Received from Sinking Fund Commission:		
Fire Damage to Potato House (1947-48)	\$	1,358.35
Fire Damage to Cabin No. 6 (1948-49)		700.00
<hr/>		
Balance on Hand (Deposited with State Treasurer) \$	2,058.35	

PERMANENT IMPROVEMENTS AND RENOVATIONS

Appropriated 1948-49	\$	200,000.00
Balance on Hand (Deposited with State Treasurer)		200,000.00

Progress Report**LABORATORY OF TROPICAL DISEASES****For the year ending June 30, 1949**

Dr. W. P. Beckman, Acting Superintendent
South Carolina State Hospital
Columbia, South Carolina

Dear Doctor Beckman:

I have the honor to submit for the year ending June 30, 1949, the annual report of investigations conducted by the Laboratory of Tropical Diseases of the U. S. Public Health Service in co-operation with the South Carolina State Hospital.

During the year, the scope of our investigations was enlarged to include tropical diseases other than malaria, and the official designation was changed to the "Laboratory of Tropical Diseases." Research continued on all phases of malaria including transmission, treatment, and host-parasite relationships. The search for improved methods of treating neurosyphilis with malaria and in combination with drugs was continued. By supplying malaria and by disseminating information about its use in the treatment of neurosyphilis, this Laboratory served as an important center for the distribution of proven strains of therapeutic malaria. During the year, many domestic and foreign visitors were shown our research methods and were instructed in the use of malaria for the treatment of neurosyphilis.

Another research laboratory, which is an integral part of this Laboratory, is maintained at the Milledgeville, Georgia, State Hospital. Many research projects are carried on jointly between these laboratories.

RESEARCH

Mosquitoes were shown to be infected during the very early stages of malaria in man and before gametocytes could be found by routine microscopic examination. In some cases, patients were able to infect mosquitoes before clinical symptoms appeared.

Malarias from South Carolina were found more infective to domestic strains of mosquitoes than to mosquitoes from other countries. The reverse was also true: malaria from Panama was less infective to American mosquitoes than to Panamanian

mosquitoes. These results suggest an adaptability of vectors to co-indigenous strains of malaria and, in some cases, a fairly rigid vector-parasite selectivity.

Mosquitoes with different stages of malarial infections were exposed to ultrasonic waves with a frequency of 500,000 cycles per second and with an energy of about 5 watts. The length of exposure varied from 5 to 15 minutes in different lots. The viability of the mosquitoes did not seem to be changed, and the malaria parasites apparently were unharmed as the malarial infection was transmitted by the bites of these mosquitoes.

Of the newer antimalarial drugs tested so far, chloroquine still appears to be the most effective against *Plasmodium malariae*. Due to the reported resistance of malarial infections to the new drug paludrine, experiments were initiated to determine whether malarial infections can become resistant to this drug. In this study, the mosquitoes are fed on malarious patients during the administration of paludrine to determine if the drug effects the transmission of malaria.

We continued to furnish infected mosquitoes for the experimental inoculation of patients in cooperative drugs experiments with the U. S. Public Health Service, Seagoville, Texas, and the University of Chicago. As a result of this work, several promising new antimalarials have been developed, and these are now under further investigation at the laboratories in Texas and Illinois.

Anopheles albimanus has been incriminated on epidemiological grounds as being the principal vector of malaria in certain Caribbean areas. We reported for the first time an actual transmission of *P. falciparum* malaria from person to person by Panamanian *A. albimanus*. The strains of malaria were the Santee-Cooper from the United States and the El Limon from Panama.

Preliminary experiments indicated the ability of native avian malaria, *P. relictum*, to develop at least to the oocyst stage in *A. quadrimaculatus* and *A. crucians*. Further tests were initiated to determine if these mosquitoes can act as normal vectors for bird malarias. Should anophelines be shown to be natural vectors of avian malaria, this fact would have a bearing upon surveys of human malaria based on infected anophelines.

Recently, the Public Health Service discovered that *A. albimanus* were present on the Florida Keys. From ova sent from

that area, a colony was established. Tests were begun to evaluate the effectiveness of this Caribbean vector in transmitting indigenous malarias.

Work was continued on establishing chaetotaxic characteristics of the varieties in the *Anopheles crucians* complex.

A nation-wide survey was made of malaria in Liberia during 1948. The principal findings were, as follows:

- a. Of the 10,128 blood smears examined, 30.65 percent had malaria parasites.
- b. Malaria was most prevalent in the 1-4 years age group, 64.45 percent of which was positive. The greatest density of parasites was in the group under one year of age.
- c. Of the diagnosed species, *P. falciparum* was the predominant species and accounted for 83.8 percent of the infections. A total of 14.2 percent were *P. malariae*, and 2.0 percent were *P. vivax*. *P. ovale* was found in one case.
- d. Of the 2,421 *P. falciparum* infections, 12.06 percent had gametocytes. The younger age groups showed the highest proportion of infections with gametocytes.
- e. *A. gambiae* was the most prevalent vector. Of 543 *A. gambiae* dissected, 6.45 percent were infected with malaria.
- f. *A. melas* was found breeding on the coast.
- g. Malaria was hyperendemic throughout the country. The coastal region was less heavily infected than the interior.
- h. It seemed apparent that the native population was bitten constantly by infected mosquitoes. Because of the larger number showing gametocytes and the greater intensity of the infections, persons under 5 years of age appeared to constitute the seed-bed of transmission.

Cytological studies were made on malaria and trypanosomes. Particular emphasis was placed on the structure of the nucleus, not only to determine the basic structure of both parasites, but also to discover whether physiological strains of trypanosomes might have cytological differences.

In order to study all phases of malaria and its transmission, an insectary was maintained for the production of mosquitoes in large numbers. Data on mosquito production are, as follows:

Number of Mosquitoes Reared	744,963
Number of Mosquitoes Fed upon Malarious Patients	90,633
Number of Mosquitoes Dissected	23,723
Number of Mosquitoes Infected	8,379
Percent of Mosquitoes Infected	35.32

MISCELLANEOUS

During the year, 296 inocula were shipped to hospitals and physicians requesting malaria for the treatment of neurosyphilis. Information on the therapeutic use of malaria was also supplied.

The paper, "Parasites Resembling *Plasmodium ovale* in Strains of *Plasmodium vivax*," by Dr. Martin D. Young and Mr. Don E. Eyles, was presented at the annual meeting of the National Malaria Society, December 7, 1948, in New Orleans, and also read at the annual meeting of the Association of Southeastern Biologists, April 16, 1949, in Knoxville, Tennessee.

To the South Carolina Academy of Science, April 23, 1949, in Columbia, South Carolina, Dr. Gordon B. Wolcott presented his paper, "Aneuploidy in *Pallavicinia lyellii* (Hepaticae)." During the meeting, Dr. Martin D. Young was elected President of the Academy for the forthcoming year.

The staff lectured to the senior students from the Medical College of South Carolina and to students from Winthrop College.

On October 17, 1948, Dr. Young returned to the United States from Liberia where he made a malaria survey for the United States Government.

Visitors to the laboratory for varying periods of one day to one month were from the following places: New York University Medical College, New York, N. Y.; Syracuse University, Syracuse, N. Y.; Emory University, Emory University, Ga.; University of South Carolina, Columbia, S. C.; Army Medical Center, Washington, D. C.; Communicable Disease Center in Atlanta and Newton, Ga.; National Institutes of Health, Bethesda, Maryland, and Memphis, Tennessee; U. S. Public Health Service, Anchorage, Alaska; Malaria Section, Department of Health in Manila and Quezon City, Philippines; Malaria Institutes of India, Delhi, India; and the University, Lima, Peru.

The staff members besides the Director are: Dr. Robert W. Burgess, entomologist; Dr. Gordon B. Wolcott, cytologist; Mr. William M. May, Mrs. Julia C. Stearns, Misses Margaret H. Fanning and Helen C. Russell, and Mr. W. D. Durham, laboratory technicians; Mrs. Elizabeth W. Wolcott and Mrs. Jean R. Cooper, stenographers; and John Sharper, laborer.

The following papers were published by the staff during the year:

1948—

1. Young, Martin D.
"Adaptability of Exotic Parasites to Indigenous Anopheles," *Proc. 4th International Congresses on Tropical Medicine and Malaria*, Government Printing Office (1948), pp. 672-680.
2. Eyles, Don E., Young, Martin D., and Burgess, Robert W.
"Studies on Imported Malarias: 8. Infectivity to *Anopheles quadrimaculatus* of Asymptomatic *Plasmodium vivax* Parasitemias," *Jour. Nat. Mal. Soc.* 7(2):125-33, June.
3. Young, Martin D., and Burgess, Robert W.
"Studies on Imported Malarias: 9. The Comparative Susceptibility of *Anopheles quadrimaculatus* and *Anopheles maculipennis freeborni* to Foreign *vivax* Malaria," *Jour. Nat. Mal. Soc.* 7(2):134-37, June.
4. Burgess, Robert W.
"The Experimental Hybridization of *Anopheles quadrimaculatus* Say and *Anopheles maculipennis freeborni* Aitken," *Am. Jour. Hyg.* 48(2):171-72, September.
5. Young, Martin D., Eyles, Don E., and Burgess, Robert W.
"Studies on Imported Malarias: 10. An Evaluation of the Foreign Malarias Introduced into the United States by Returning Troops," *Jour. Nat. Mal. Soc.* 7(3):171-85, September.
6. White, W. C., Cooper, W. C., Coatney, G. R., Culwell, W. B., Lints, H. A., and Young, M. D.
"Studies in Human Malaria: 21. The cure of St. Elizabeth Strain *vivax* Malaria by Pentaquine-Quinine Administered during Acute Attacks or during Latency," *Jour. Nat. Mal. Soc.* 7(4):316-21, December.

1949—

7. Cooper, W. C., Ruhe, D. S., Coatney, G. R., Josephson, E. S., and Young, M. D.
"Studies in Human Malaria: 8. The Protective and Therapeutic Action of Quinacrine against St. Elizabeth Strain *vivax* Malaria," *Am. Jour. Hyg.* 49(1) :25-40, January.
8. Ruhe, D. S., Cooper, W. C., Coatney, G. R., Josephson, E. S., and Young, M. D.
"Studies in Human Malaria: 9. The Protective and Therapeutic Action of SN-6911 (Sontochin) against St. Elizabeth Strain *vivax* Malaria," *Am. Jour. Hyg.* 49 (1) :41-48, January.
9. Coatney, G. R., Ruhe, D. S., Cooper, W. C., Josephson, E. S., and Young, M. D.
"Studies in Human Malaria: 10. The Protective and Therapeutic Action of Chloroquine (SN-7618) against St. Elizabeth Strain *vivax* Malaria," *Am. Jour. Hyg.* 49(1) :49-59, January.
10. Cooper, W. C., Ruhe, D. S., Coatney, G. R., Josephson, E. S., Young, M. D., and Burgess, R. W.
"Studies in Human Malaria: 11. The Protective and Therapeutic Action of AN-6771 against St. Elizabeth Strain *vivax* Malaria," *Am. Jour. Hyg.* 49(1) :60-66, January.

Respectfully submitted

Martin D. Young
Director

ANNUAL REPORT

DEPARTMENT OF MENTAL HYGIENE

SOUTH CAROLINA STATE HOSPITAL

PERSONNEL

W. P. Beckman, M.D., F.A.P.A.—Acting State Mental Health Authority.

Mattie DeV. Ford, B.S., Personnel Secretary.

Charleston Clinic

Olin B. Chamberlain, M.D., F.A.P.A.—Director.

James Jennings Cleckley, B.S., M.D.—Psychiatrist.

Margaret W. Guerard, B.S., M.S.—Chief Psychiatric Social Worker.

Elizabeth Bonnoitt, A.B., M.S.—Psychiatric Social Worker.

*Frances M. Reves, B. S.—Mental Hygiene Case Worker.

Nathalie Gray, A.B.—Psychometrist.

*Esther D. Gregorie, A.B.—Electroencephalograph Technician.

Harriet Stevens, B.S.—Secretary-Receptionist.

*Loraine H. Kendrick—Clerk.

Spartanburg Clinic

*John M. Pratt, B.S., M.D.—Psychiatrist.

*Mary F. Burts, A.B., M.A., Ph.D.—Psychologist.

Kate S. Bumstead, A.B., M.S.—Chief Psychiatric Social Worker.

Vardell F. Harrell, A.B.—Secretary-Receptionist.

* Part-time.

REPORT OF THE DEPARTMENT OF MENTAL HYGIENE

Columbia, S. C., July 1, 1949.

*To the Board of Regents of the South Carolina State Hospital,
Columbia, S. C.:*

Gentlemen:

Submitted herewith is the annual report of the Department of Mental Hygiene, S. C. State Hospital, for the fiscal year ending June 30, 1949:

During the past year this department has made an effort to further its mental health program and has been operated by funds made available by a grant from the Federal Government for community services and an appropriation by the State Legislature.

It has been quite difficult to secure adequately trained personnel to staff clinics. The Charleston Clinic has operated full-time in that it has been possible to secure full-time personnel for this clinic. The Spartanburg Clinic continues to be handicapped as it has not been possible to secure full-time services of a psychiatrist. In spite of this, good service has been rendered to that community by this clinic. Dr. John M. Pratt has been rendering psychiatric service to this clinic since its inception. He resigned effective July 1, 1949. Dr. S. R. Kilgore was secured to replace Dr. Pratt and to begin service August 1, 1949.

Emphasis has been placed on training personnel. During the year there have been two persons in training for clinical psychology and two for psychiatric social work. It appears that there will be a scarcity of trained people in these fields for some time and the hope of the program in this area will depend a great deal upon training people in this area to return and work in the mental health program. The need for expansion of services is evidenced by the public's keen interest in mental health and the requests from various communities for clinic services.

It is realized that education in mental health matters is very important; but again it has not been possible to secure a proper person to conduct this activity. An effort has been made to secure and disseminate mental health literature; films for educational purposes have been secured and used; and this department has cooperated where possible with other agencies in educational programs.

The following statistical material indicates to some extent the work done in the clinics during the year. It is noted that there is an increase in volume of work over last year.

APPLICATIONS BY THE MONTH

1948-49

	Charleston Clinic	Spartanburg Clinic
July	26	8
August	64	13
September	39	17
October	26	11
November	46	11
December	46	11
January	71	12
February	39	11
March	49	8
April	50	12
May	75	11
June	39	4
TOTAL	570	129

SOURCES OF REFERRAL

1948-49

	Charleston Clinic	Spartanburg Clinic
Physicians	140	39
Dept. of Public Welfare	93	8
Schools	58	14
Parents, Relatives, Guardians, Self	67	39
Courts	37	10
Family Welfare Agency	17	3
Dept. of Public Health	14	3
Others	144	13
TOTAL	570	129

DIAGNOSES OF CASES SEEN BY PSYCHIATRIST DURING YEAR 1948-49

	Charleston Clinic	Spartanburg Clinic
Functional:		
Conduct Disorder	56	11
Manic Depressive Psychoses—De- pressed	2	4
Psychoses—Mixed	2	---
Schizophrenia	14	1
Schizoid Personality	4	---
Paranoid State	1	1
Psychoneuroses	44	27
Alcoholism, Chronic	2	1
Involutional Psychoses	2	5
Simple Maladjustment	---	5
Other	---	2
<hr/> TOTAL	<hr/> 127	<hr/> 57
Character Disorders:		
Emotional Immaturity	4	---
Constitutional Psychopathic In- feriority	4	8
Inadequate Personality	12	---
<hr/> TOTAL	<hr/> 20	<hr/> 8
Organic:		
Mental Deficiency	35	4
Epilepsy	7	---
Senile Psychosis	1	1
Other	12	---
<hr/> TOTAL	<hr/> 55	<hr/> 5
No Neuropsychiatric Disorder	2	4
<hr/> TOTAL	<hr/> 204	<hr/> 74

Respectfully submitted,
W. P. BECKMAN, M.D.,
Acting State Mental Health
Authority.